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COMBAT CONTROL



**CAREER FIELD
EDUCATION AND TRAINING PLAN**

**CAREER FIELD EDUCATION AND TRAINING PLAN
COMBAT CONTROL APPRENTICE
AFSC 1C2X1**

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COMBAT CONTROL APPRENTICE
1C2X1
CAREER FIELD EDUCATION AND TRAINING PLAN

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education and training requirements, training support resources, minimum core task requirements and a defined career path. Using the guidance provided in the CFETP ensures individuals receive effective and efficient training at the appropriate point in their career.

2. The CFETP consists of two parts. Both parts are used to plan, manage, and control training within the career field.

2.1. Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan; Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path; Section C associates each level with specialty qualifications (knowledge, education, training, and other); Section D indicates resource constraints. Some examples are funds, manpower, equipment, and facilities. Section E identifies transition training guide requirements for SSgt through MSgt.

2.2. Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, task technical references to support training, Air Education and Training Command (AETC) conducted training, wartime course, core tasks, and correspondence course requirements; Section B contains the course objective list/training standards supervisors will use to determine if Airmen satisfied training requirements; Section C identifies available support materials. An example is a Qualification Training Package (QTP), which may be developed to support proficiency training. These packages are identified on the AF publishing website, <http://www.e-publishing.af.mil/>; Section D identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses; Section E identifies MAJCOM unique training requirements supervisors can use to determine additional training required for the associated qualification needs.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Skills Training Center (ASTC). Required Combat Control 5-skill level OJT and formal training are normally accomplished at AFSOC's ASTC. ASTC also provides AFSOC mission familiarization training to Pararescue and Combat Weather personnel assigned to Special Tactics units.

Advanced Training. A formal course training toward a technical or supervisory level Air Force specialty (AFS). Training is for career Airmen at the advanced level of an AFS.

Air Force Career Field Manager (AFCFM). Commissioned or noncommissioned officer assigned at Air Staff level that manages career field resources.

Air Force Job Qualification Standard/Command Job Qualification Standard (AFJQS/CJQS). A comprehensive task list that describes a particular job type or duty position. They are used by supervisors to document task qualifications. The tasks on AFJQS/CJQS are common to all persons serving in the described duty position.

Allocation Curves. The relation of hours of training in different training settings to the degree of proficiency which can be achieved on specified performance requirements.

Functional Manager (FM). Commissioned or noncommissioned officer assigned at MAJCOM level responsible for managing career field resources.

Career Field Education and Training Plan (CFETP). A CFETP is a comprehensive document that identifies specialty-training requirements. It outlines a logical growth path, including training resources, and is designed to eliminate duplication and make training identifiable and budget defensible.

Career Training Guide (CTG). A document that uses Task Modules (TMs) in lieu of tasks to define performance and training requirements for a career field.

Continuation Training. Additional training exceeding requirements with emphasis on present or future duty assignments.

Core Task. A task that Air Force Career Field Managers (AFCFMs) identify as a minimum qualification requirement within an Air Force specialty.

Course Objective List (COL). A publication, derived from initial/advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-/7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, Air Force Training Program.

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade Airmen in each skill level of a specialty.

Exportable Training. Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

Field Technical Training (Type 4). Technical training conducted at operational locations delivered by a training detachment (TD) or through a mobile training team (MTT) or a field training team (FTT).

Instructional System Development (ISD). A deliberate and orderly, but flexible process for planning, developing, implementing, and managing instructional systems. It ensures personnel are taught in a cost efficient way the knowledge, skills, and attitudes essential for successful job performance.

Initial Skills Training. A formal resident course which results in award of the entry level.

Occupational Survey Report (OSR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

On The Job Training (OJT). A delivery method used to certify personnel in both upgrade (skill level award) and job qualification (duty position certification) training. It is hands-on training conducted at the duty location.

Optimal Training. The ideal combination of training settings resulting in the highest levels of proficiency on specified performance requirements within the minimum time possible.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an individual in a specific duty position. This portion of the dual channel on-the-job training program occurs both during and after the upgrade training process. It is designed to provide the performance skills required to do the job.

Qualification Training Package (QTP). An instructional package designed for use at the unit to qualify, or aid qualification, in either a duty position, program, or on a piece of equipment. It may be printed, computer-based, or in other audiovisual media.

Recurring Training. Training provided to periodically review selected current operational procedures and techniques.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being delivered.

Review Training. Training conducted for the purpose of correcting specific operational deficiencies detected through performance evaluations, supervisory observations, trends, etc.

Skills Training. A formal course which results in the award of a skill level.

Special Tactics Team. An Air Force team composed primarily of special operations combat control, pararescue and combat weather personnel. The team supports joint special operations by selecting, surveying, and establishing assault zones; providing assault zone terminal

guidance and air traffic control; conducting direct action missions; providing medical care and evacuation; coordinating, planning, and conducting air, ground, and naval fire support operations.

Specialty Training Package and COMSEC Qualification Training Package. A composite of lesson plans, test material, instructions, policy, doctrine, and procedures necessary to conduct training. These packages are prepared by AETC, approved by National Security Agency (NSA), and administered by qualified communications security (COMSEC) maintenance personnel.

Specialty Training Standard (STS). An Air Force publication that describes an Air Force specialty in terms of tasks and knowledge which an airman in that specialty may be expected to perform. To include, know how on the job, and identifies the training provided to achieve a 3-, 5-, and 7-skill level with an enlisted AFS. It further serves as a contract between the Air Education and Training Command and the user to show the overall training requirements for an Air Force specialty code that the formal schools teach.

Standard. An exact value, a physical entity, or an abstract concept, established and defined by authority, custom, or common consent to serve as a reference, model, or rule in measuring quantities or qualities, establishing practices or procedures, or evaluating results. A fixed quantity or quality.

Task Module (TM). A group of tasks performed within an Air Force specialty that are performed together and that require common knowledge, skills, and abilities. An identification code and a statement identify TMs.

Total Force. All collective Air Force components (active, reserve, and civilian elements) of the United States Air Force.

Training Capacity. The capability of a training setting to provide training on specified requirements, based on the availability of resources.

Training Planning Team (TPT). Comprised of the same personnel as a U&TW, however TPTs are more intimately involved in training development and the range of issues are greater than is normal in the U&TW forum.

Training Requirements Analysis. A detailed analysis of tasks for a particular AFS to be included in the training decision process.

Training Setting. The type of forum in which training is provided (formal resident school, on-the-job, field training, mobile training team, self-study etc.)

Upgrade Training (UGT). Mandatory training that leads to attainment of higher level of proficiency.

Utilization and Training Pattern. A depiction of the training provided to and the jobs performed by personnel throughout their tenure within a career field or Air Force specialty. There are two types of patterns: 1) Current pattern, which is based on the training provided to

incumbents and the jobs to which they have been and are assigned; and, 2) Alternate pattern, which considers proposed changes in manpower, personnel, and training policies.

Utilization and Training Workshop (U&TW). A forum of MAJCOM Air Force Specialty Code (AFSC) functional managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

Section A -- General Information

1. Purpose. This CFETP provides the information necessary for Air Force Career Field Managers (AFCFM), MAJCOM functional managers (MFMs), commanders, training managers, supervisors and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in this AFS should receive in order to develop and progress throughout their career. This plan identifies initial skills, qualifications, upgrade, and advanced and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one of the technical training centers. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, or 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an Airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal specialty training used for selected Airmen. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some are:

- 1.1.** Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.
- 1.2.** Identifies task and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career.
- 1.3.** Lists training courses available in the specialty, identifies sources of training, and the training delivery method.
- 1.4.** Identifies major resource constraints that impact full implementation of the desired career field training process.

2. Uses. The plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

2.1. AETC training personnel will develop/revise formal resident, non-resident, field and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM-developed training to support this AFSC must be identified for inclusion into plan.

2.3. Each individual will complete the mandatory training requirements specified in this plan. Lists of courses in Part II will be used as a reference to support training.

3. Coordination and Approval. The AFCFM is the approval authority. MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

SECTION B – Career Progression and Information

4. Specialty Description. Provides Command, Control, Communications, Intelligence, Surveillance and Reconnaissance (C3ISR) to assist, control and enable the application of manned and unmanned, lethal and non-lethal airpower in all geographic and environmental conditions across the full spectrum of military operations. Includes Terminal Control (Air Traffic Control (ATC) and targeting and control of airstrikes (including close air support (CAS)) and visual and electronic aids to control airheads enable precision navigation. Provides long-range voice and data command and control, communications. Performs tactical level surveillance and reconnaissance functions fusing organic and remote controlled technologies and manned platforms to build the Common Operating Picture (COP).

4.1. Specialty Summary.

4.1.1. Performs intelligence, surveillance and reconnaissance (ISR) in semi/non permissive and combat environments. Conducts reconnaissance and surveillance of potential assault zones and target areas. Plans, coordinates, and conducts operations using advanced technologies to support reconnaissance and target identification. Records and submits site surveys of assault zones (drop, landing, forward area refueling points (FARP) and other areas critical to aviation. Evaluates and relays status of airfields and assault zones to inbound aircraft and higher headquarters. Provides limited weather observations, including surface and altitude wind data, temperature, and cloud heights. Reports current battlefield information.

4.1.2. Plans, organizes, supervises, and establishes ATC in the target area. Initiates, coordinates, and issues ATC clearances, holding instructions, and advisories to maintain aircraft separation and promote safe, orderly, and expeditious flow of traffic under visual or conventional approach control flight rules. Operates and monitors portable and mobile communications equipment and terminal and tactical navigation aids required to control and support air traffic in forward areas. Prepares and issues advisories to pilots, ATC and other agencies concerning weather, notice-to-Airmen information, air traffic flow control measures, and wake turbulence. Provides flight assistance and emergency service to air traffic. Records weather and ATC data. Controls vehicular traffic on the airport movement area. Identifies, assesses, and marks assault zones with visual and electronic navigation aids for day and night airland and airdrop operations. Coordinates clearances, instructions, advisories, and air traffic movement with forward and rear area commanders. Uses ground-to-air communications equipment and visual and electronic systems to control and expedite the movement of en route, arriving, and departing air traffic. Directs actions to handle aircraft emergencies or mishaps. Coordinates with medical personnel on casualty and patient staging points. Provides airlift operations support that cannot be provided by combat communications groups or other agencies. Operates Global Positioning Systems (GPS) equipment to navigate for infiltration or exfiltration and locate assault zones. Coordinates airfield ground support (crash/fire/rescue, sweep).

4.1.3. Targets and Controls fires. Plans, coordinates, and conducts fires to accomplish supported commander objectives. Includes CAS and supporting arms for surface elements and C4ISR in support of CFACC assets. Employs visual and electronic navigation and marking equipment to direct aviation assets to target. Issues weapons release clearance.

4.1.4. Deploys into forward areas and forward operating locations by land (mounted, special purpose vehicle or dismounted), sea (surface or subsurface naval vessel, small watercraft, SCUBA, or surface swim) or air (parachute, airmobile, airland) to participate in the full spectrum of military operations to include Air Expeditionary Force (AEF), force projection, Direct Action

(DA), Counterterrorism (CT), Counterproliferation (CP), Foreign Internal Defense (FID), Humanitarian Assistance (HA), Special Reconnaissance (SR), Personnel Recovery (PR), Non-Combatant Evacuation Operations (NEO), Integrated Survey Program (ISP), Counter Drug (CD), Unmanned Aerial Vehicle (UAVs), Operational Preparation of the Environment (OPE), Advanced Force Operations (AFO), and fire support operations. Uses demolitions to remove obstacles affecting safe air traffic flow in the target area. Maintains qualification on primary assigned weapons.

5. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training must do their part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career.

5.1. Apprentice (3) Level. The Combat Control Apprentice normally attends ASTC for completion of 5-skill level training objectives. During ASTC the apprentice may participate in joint exercises, contingencies, force projection, and if specifically required, combat and humanitarian operations. Participates in team combat readiness, continuation, qualification and enlisted specialty training. Prepares resources to satisfy mission tasking including communication, vehicle, static line parachute, and other support requirements. Participates in training programs to satisfy EST and QTP requirements. They will utilize the Career Development Course and Task Qualification Training and work with trainers and mentors to enhance their knowledge and skills. Once task certified, a trainee may perform the task unsupervised. Promotion to Airman (AMN) normally occurs within the first year of service and promotion to Airman First Class (A1C) normally occurs during the second year of service. Promotion to Senior Airman (SrA) normally occurs between 24 to 36 months service.

5.2. Journeyman (5) Level. ASTC is designed to finish 5-skill level upgrade training within a year (must meet minimum time in training requirements IAW AFI 36-2201 Volume 2 prior to upgrading) and is followed with a PCS or PCA to an operational unit. Five-skill levels will normally attend an Airman Leadership School after assuming the rank of SrA and completing 48 months of service, upon first reenlistment, or when selected for promotion to Staff Sergeant (SSgt). Completion of an Airman Leadership School is mandatory prior to assuming the rank of SSgt. A 5-level is required for promotion to SSgt. Air National Guard (ANG) may substitute a non-resident Airman Leadership School. Promotion to SSgt normally occurs near the six-year point of service. Once individuals assume the rank of SSgt, they are authorized to supervise personnel. Once upgraded to the 5-skill level, a journeyman will enter into continuation training to broaden their experience base and will begin training to 7-skill level tasks. Although a journeyman has been trained and certified to perform designated tasks unsupervised at the 5-level, he will normally deploy and operate in the team member capacity. Individuals will use their CDCs to prepare for testing under WAPS. They should also consider continuing their education toward a CCAF degree.

5.3. Craftsman (7) Level. A craftsman can expect to fill various supervisory and management positions. A craftsman is the most technically proficient operator and will be expected to deploy and operate independently as well as in the role of a team leader. Individuals should attend advanced qualification courses to allow them to operate as a team leader. They will also be assigned to work in staff positions. 7-skill levels should take courses or obtain added knowledge on management of resources and personnel. Promotion to Technical Sergeant (TSgt) normally occurs near the 12-year point of service. Individuals must attend an NCO

Academy (NCOA) when selected for or after assuming the rank of TSgt. Promotion to Master Sergeant (MSgt) normally occurs near the 15-year point of service. Prior to assuming the rank of MSgt, individuals must complete the NCOA in residence. ANG may substitute a non-resident NCOA Course. Completion of CCAF degree programs is recommended. Once selected for MSgt, completion of the SNCOA by correspondence is encouraged.

5.4. Superintendent (9) Level. A 9-skill level can be expected to fill positions of greater responsibility and should seek additional training in the areas of budget, manpower, resources and personnel management through continuing education. Promotion to SMSgt normally occurs near the 19-year point of service. Active duty individuals promoted to SMSgt will attend the Senior Noncommissioned Officer Academy. ANG may substitute the non-resident SNCOA Course.

5.5. Combat Control Manager (0) Level. This individual will be awarded AFSC 1C200 once selected for Chief Master Sergeant (CMSgt). Promotion to CMSgt normally occurs near the 21-year point of service. Active duty individuals must complete the SNCOA prior to assuming the rank of CMSgt.

6. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Combat Control specialty. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following training decisions were based on a career field Utilization & Training Workshop (U&TW) held at Lackland AFB, TX from 14-16 March 2006. Key training decisions from the U&TW involved making the Orientation Course a Standards Course (Combat Control Preparatory Course), adding entry/exit standards for Physical Training (PT) throughout the pipeline, adding surface and subsurface water standards and adding electric demolition training back into Combat Control School (CCS). The AFCFM is the authority for waiving any mandatory training requirement(s). Process waiver requests to the AFCFM as described in AFI 36-2201, Volume 5.

6.1. Apprentice Training. The apprentice-training pipeline was adjusted to address training deficiencies. Specifically para 6.1.1, table 6.1 and table 6.2 below were expanded to include progressive rucksack and swim training standards to better prepare trainees for follow-on courses in the pipeline with the intent of reducing attrition in the latter portions of the training pipeline. In the most expeditious manner, the Combat Control Apprentice pipeline provides: Preparation for Combat Control physical and mission requirements (Combat Control Preparatory Course); Air Traffic Control Training (Combat Control Operator Courses); Basic jump training (Army Airborne), and Combat Survival Training. These qualification courses are mandatory prerequisites for entry into the AFSC awarding course. The Combat Control Apprentice course provides individuals with knowledge and hands-on training that prepares them for ASTC with apprentice 3-skill level skill sets.

6.1.1. Apprentice Physical Training. Superior physical conditioning is a cornerstone of combat effectiveness. Combat Control pipeline emphasizes physical training to assure that apprentice course graduates have the temperament and potential to meet the intense physical challenges inherent in the 5-level upgrade process and the CCT specialty. Efficient training of Combat Controllers from the Combat Control Preparatory Course (CCPC) through Apprentice (3-skill level) and Journeyman (5-skill level) is a complex, multi-command effort. The standards described in tables 6.1 and 6.2 below support STS tasks 1.3.8. Physical Training, 1.3.9 Perform surface and sub-surface swimming and 1.3.10 Perform surface and sub-surface water skills

training, as these tasks apply to the apprentice pipeline. Events may be administered in any order necessitated by logistics as long as calisthenics exercises are administered in the specified order. PAST test procedures may be specified in training advisories or AFI 36-2626.

Event	Push-Ups	Sit-Ups	Chin/Pull-Ups	Run	Swim (5A)	Rucksack	Obstacle Course
Combat Control Preparatory Course, Lackland AFB, TX (4 wks)							
PAST (1a)	42	50	6	11:30/1.5mi	15:00/500m	N/A	N/A
Exit (1b)	52	60	8	24:00/3mi	35:00/1500m	80min/4mi (6a)	90% (7a)
Pipeline Progression for Students Awaiting Training (SAT)							
Pipeline SAT (2a)	A/S	A/S	A/S	A/S	A/S	A/S	A/S
Combat Control Operator Courses, Keesler AFB, MS (15 wks)							
Entry (3a)	50	57	8	25:00/3mi	36:00/1500m	80 min/4 mi (6a)	N/A
30 Day (3b)	53	60	9	24:00/3mi	35:00/1500m	100 min/5 mi (6b)	N/A
60 Day (3b)	56	63	10	23:30/3mi	34:00/1500m	140 min/7 mi (6c)	N/A
Exit (3c)	60	67	11	23:30/3mi	33:00/1500m	200 min/10 mi (6d)	90% (7a)
Combat Control School, Pope AFB, NC (13 wks)							
Entrance (4a)	58	67	10	23:00/3mi	34:00/1500m	200min /10 mi (6d)	N/A
Mid (4b)	61	71	11	22:30/3mi	33:00/1500m	N/A	N/A
Exit (4c)	64	75	12	22:00/3mi	32:00/1500m	300 min/15 mi (6f)	90% (7a)

Table 6.1

- (1) Combat Control Preparatory Course Standards
 - a. Assessment: PAST applies to all candidates entering CCT Training
 - b. Evaluation: Successful completion of progressive standards mandated for graduation
- (2) Pipeline Progression Student Awaiting Training (SAT) Standards
 - a. Assessment: Maintains PT progression accountability with weekly assessments against pipeline progression standards
- (3) Combat Control Operator Course Standards
 - a. Assessment: Conducted to gauge student progression in preparation for increasing standards
 - b. Evaluation: Conducted to gauge progression and determine advancement potential
 - c. Evaluation: Successful completion of progressive standards mandated for graduation
- (4) Combat Control Apprentice Course Standards
 - a. Assessment: Conducted to gauge student progression in preparation for increasing standards
 - b. Evaluation: Conducted to gauge progression and determine advancement potential
 - c. Evaluation: Successful completion of progressive standards mandated for graduation
- (5) Swim Progression Standards
 - a. Swims are conducted with fins using leading arm/trailing arm technique only (PAST is freestyle or sidestroke without fins)
- (6) Rucksack March Progression Standards
 - a. Assessment: Wearing BDUs, boots, and carrying a 60 lb load (45 lb rucksack/ 15 lb LCE)
 - b. Assessment: Wearing BDUs, boots, and carrying a 70 lb load (50 lb rucksack/ 20 lb LCE)
 - c. Evaluation: Wearing BDUs, boots, and carrying a 80 lb load (60 lb rucksack/ 20 lb LCE)
 - d. Assessment: Wearing BDUs, boots, and carrying a 90 lb load (70 lb rucksack/ 20 lb LCE)
 - e. Evaluation: Field navigation in full mission gear (approximately 90lb rucksack/ 25lb LCE)
 - f. Graduation assessment wearing BDUs, boots, and carrying 75lb load (50lb rucksack/ 25lb LCE)
- (7) Obstacle Course Progression Standards
 - Assessment: Complete 90% of obstacles, wearing fatigues and boots

(8) Water skills training

Event	UW		TW	MS	KT	DP
	Event 1	Event 2	Event 3	Event 4	Event 5	Event 6
Combat Control Preparatory Course, Lackland AFB, TX (4 wks)						
Entry (1a)	1 x 20m	Intro. To Event	Intro. To Event	Intro. To Event	Intro. To Event	Intro. To Event
Week 3 (1b)	1 x 20m	1 x 20m 2:30 min	1 x 0:30 sec	Perform Skill	Perform Skill	1:30
Exit (1c)	1 x 25m	2 x 20m 2:15 min	1 x 0:30 sec	Perform Skill	Perform Skill	1:30
		push off wall				
Combat Control Operator Courses, Keesler AFB, MS (15 wks)						
Entry (2a)	1 x 20m	2 x 20m 2:30 min	1 x 0:30 sec	Perform Skill	Perform Skill	1:15
		push off wall				
4 weeks (2a)	1 x 20m	3 x 20m 2:30 min	1 x :45 sec	1 x 5m	Perform Skill	1:30
8 weeks (2a)	1 x 25m	3 x 25m 2:15 min	1 x 1:15 min	1 x 15m	Perform Skill	1:45
ATC Exit (2a)	1 x 30m	4 x 25m 2:30 min	1 x 1:45 min	1 x 20m	Perform Skill	1:30
		push off wall				
Combat Control School, Pope AFB, NC (13 weeks)						
Entry (3a)	1 x 25m	2 x 25m 3:00 min	1 x :30 sec	1 x 10m	Perform Skill	1:15
		push off wall				
Week 3 (3a)	1 x 25m	3 x 25m 3:00 min	1 x :45 sec	1 x 10m	Perform Skill	1:30
Week 5 (3a)	1 x 25m	4 x 25m 3:00 min	1 x 1:00 min	1 x 15m	Perform Skill	2:45
Week 7 (3a)	1 x 30m	2 x 25m 2:30 min	1 x 1:15 min	1 x 15m	Perform Skill	2:00
Week 9 (3a)	1 x 30m	3 x 25m 2:30 min	1 x 1:30 min	1 x 20m	Perform Skill	2:15
Week 11 (3a)	1 x 30m	4 x 25m 2:30 min	1 x 1:45 min	1 x 20m	Perform Skill	2:30
Exit (3a)	1 x 40m	5 x 25m 2:30 min	1 x 2:00 min	1 x 25m	Perform Skill	2:00
		push off wall				

Table 6.2

UW – Under Waters
 TW – Tread Water
 MS – Mask / Snorkel Recovery
 KT – Knot Tying
 DP – Drown Proofing

- (1) Combat Control Preparatory Course Standards
 - a. Introduction: Student introduced to water confidence training at the levels indicated
 - b. Assessment: Conducted to gauge student progression in preparation for increasing standards
 - c. Evaluation: Successful completion of progressive standards mandated for graduation
- (2) Combat Control Operator Course Standards:
 - a. Assessment: Conducted to gauge student progression in preparation for increasing standards
- (3) Combat Control Apprentice Course Standards
 - a. Assessment: Conducted to gauge student progression in preparation for increasing standards
- (4) Administrative Equipment/Facilities Requirements
 - a. 25 meter pool or longer except for CCOC pool may be less than 25 meters
 - b. Student uniform: shorts (UDT's), and T-shirt
 - c. Equipment mask and snorkel, U.S. Divers, standard issue.

(5) Performance Methods

- a. UNDERWATER Swimming using breaststroke (preferred method) or combination of breast-stroke arm pull and whip kick. **NOTE:** Underwater swims are conducted with mask or goggles and swim shorts only
- b. TREADING WATER, tread water in place with hands and head out of water (dry), using the eggbeater technique, or combination of hand sculling and whip or flutter kick.
- c. KNOT TYING, perform individual knot tying (1 at a time; square / bowline / girth w/extra turn) underwater in deep end of pool.
- d. DROWN PROOFING, bob on the surface with hands and feet tied together.

6.2. Five Skill Level Upgrade Requirements. After arrival at the ASTC, trainees must complete Combat Dive Qualification Training, Military Freefall (Parachutist), mandatory Career Development Courses (CDC), and all core and duty position qualification tasks. ASTC incorporates this training into the 12 months of upgrade training required before final award of the 5-skill level. Individuals in retraining status must complete a minimum of 9 months in upgrade training.

6.3. Seven Skill Level Upgrade Requirements. Individuals must be a Staff Sergeant, complete all core and duty position qualification tasks and complete the minimum 12 months in upgrade training for award of the 7 skill-level. Individuals in retraining status must complete a minimum of 6 months in upgrade training.

6.4. Re-qualification Training. Re-qualification training requirements for Combat Control personnel returning to the career field and who have not practiced Combat Control skills for 6 years or more are as follows:

6.4.1. Complete special tactics physical fitness evaluation IAW AFI 13-219, *Special Tactics Standards and Evaluation*.

6.4.2. Physical qualification for air traffic controller duty, marine diving duty, and parachute IAW AFI 48-123, *Medical Examination and Standards*.

6.4.3. Complete physiological training IAW AFI 11-403, *Aerospace Physiological Training*.

6.4.4. Eligibility for a secret security clearance IAW AFI 31-501, *Personnel Security Program Management*.

6.4.5. Complete re-qualification requirements for Military Freefall qualification.

6.4.6. Complete re-qualification requirements for Combat Dive qualification.

6.4.7. May require task recertification at either the Combat Control Apprentice Course and/or at ASTC at the discretion of the gaining unit commander or AFCFM.

6.5. Retraining. 3-Skill Level Requirements. Re-trainees must attend the 3-skill level resident training course. With justification on a case-by-case basis, the AFCFM may waive the skill upgrade experience times to the previously held skill level, but not the academic requirements for re-trainees. Process waiver requests in accordance with AFI 36-2201, Volume 5.

6.6 Proficiency Training. Additional knowledge and skill requirements that are not taught during initial skills or upgrade training are assigned for continuation training. The purpose of the continuation training program is to provide additional training exceeding minimum upgrade requirements with emphasis on present and future duty positions.

6.7. Technical Training Instructors:

6.7.1. Combat Control trainees receive extensive technical and employment skills training while assigned to apprentice and journey qualification training courses. To successfully complete these courses, trainees must maintain a high degree of physical fitness. Combat Control instructors conduct, assist, motivate, coach and monitor the trainee's academic performance

and physical training. Instructors evaluate student physical training to ensure pipeline progression training success. Instructors operate at the following locations:

342 TRS, Combat Control Preparatory Course, Lackland AFB, TX
Det 2, 342 TRS, Air Force Combat Diver Course, NSA Panama City, FL
OL-C 342 TRS, Combat Control Apprentice Course, Pope AFB, NC
OL-D 342 TRS, Military Freefall Course, Yuma, AZ
334 TRS Combat Control Operator Fundamentals and Tower Courses (ATC), Keesler AFB, MS
720th OSS/AST Advanced Skills Training Center (ASTC), Hurlburt Field, FL

6.7.2. Combat Control technical training instructors are fully qualified Combat Controllers who maintain minimum operational proficiency (static line/freefall parachuting, demolitions, and dive currency). These instructors are responsible to their respective Commanders for the operation of their Combat Control technical training function.

6.7.3. The 342 TRS and 334 TRS Commanders are responsible for providing assigned Combat Control instructors with the facilities and resources to conduct student leadership/management, conduct/develop progressive physical training (both students and instructors), and CCT operational/tactical proficiency.

6.7.4. Combat Control technical training instructors must ensure graduating pipeline trainees are prepared to meet the entry-level requirements of follow-on training courses. Instructors ensure Combat Control trainees participate in regimented physical and water progression training.

6.7.5. Combat Control Preparatory Course instructors will establish and forward training folders on all trainees to the Combat Control Apprentice Course. These folders will include, but are not limited to, copies of TDY/PCS orders, aeronautical orders, diplomas, physical training evaluations, counseling documentation, and AF Form 1042(s). The Combat Control Apprentice Course will forward all student-training folders to the ASTC upon completion of apprentice training.

7. Community College of the Air Force (CCAF). Enrollment in CCAF occurs upon completion of basic military training. CCAF provides the opportunity to obtain an Associate in Applied Sciences Degree. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an AETC instructor must possess as a minimum an associate degree or should be actively pursuing an associate degree. Special Duty Assignment (SDA) requires an AETC instructor candidate to have a CCAF degree or be within one year of completion (52 semester hours). A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools. In addition to its associate degree program, CCAF offers the following:

7.1. Occupational Instructor Certification. Upon completion of instructor qualification training, consisting of the instructor methods course and supervised practice teaching, CCAF instructors who possess an associates degree or higher may be nominated by their school commander and commandant for certification as an occupational instructor.

7.2. Trade Skill Certification. When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupation specialty. The College used a competency based assessment process for trade skill certification at one of four proficiency levels:

Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager. All are transcribed on the CCAF transcript.

7.3. Degree Requirements: All Airmen are automatically entered into the CCAF program. Prior to completing an associate degree, the 5-level must be awarded and the following requirements must be met:

<u>Study Areas</u>	<u>Semester Hours</u>
Technical Education	24
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15
Program Elective	15
(Technical Education, Leadership, Management, Military Studies; or General Education)	
Total Hours	64

7.3.1. Technical Education (24 Semester Hours): A minimum of 12 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective subjects/courses. Requests to substitute subjects/courses must be approved in advance by the Technical Branch.

Technical Core

<u>Subjects/Courses</u>	<u>Semester Hours</u>
Aeronautical Laws and Regulations/Legislation	6
Air Navigational Aids.....	3
Air Traffic Control Principles	9
Air Transportation	3
Airport Management	3
CCAF Internship	16
Hostile Environment Techniques	3
Radar Approach Control	6

Technical Electives

<u>Subjects/Courses</u>	<u>Maximum Semester Hours</u>
Advanced Flight Operations or Commercial Pilot's License.....	9
AF Enlisted Professional Military Education	12
Aviation/Flight Safety	3
Basic Electronic Theory/Application.....	3
Basic Flight Operations or Private Pilot's License.....	3
Climatology/Meteorology	3
Computer Science	6

FCC General Radiotelephone Operator's License.....	9
Technical Writing	3

7.3.2. Leadership, Management, and Military Studies (6 Semester Hours): Professional military education and/or civilian management courses. The preferred method of completing this requirement is through attendance at an Airman Leadership School, Major Command NCO Academy, and/or Air Force Senior NCO Academy. However, civilian courses that emphasize fundamentals of managing human or material resources may also be applicable.

7.3.3. Physical Education (4 Semester Hours): This requirement is satisfied by completion of basic military training.

7.3.4. General Education (15 Semester Hours): Applicable courses must meet the Criteria for Application of courses to General Education Requirements (GER) and be in agreement with the definitions of applicable general education subjects/courses contained in the CCAF Catalog. An intermediate algebra or college-level mathematics course is required. If an acceptable mathematics course is applied as a Technical or Program Elective, a natural science course meeting General Education Requirement application criteria may be applied. The following requirements apply:

Subjects/Courses	Semester Hours
Oral Communication	3
Written Communication	3
Mathematics	3
Social Science	3
Humanities.....	3

7.3. Program Elective (15 Semester Hours): This requirement is satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting General Education Requirement application criteria. Six semester hours of CCAF degree-applicable technical credit otherwise not applicable to the program may be applied.

7.4. Trade Skill Certification. When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The college uses a competency based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager.

8. Career Field Path.

8.1. Manpower Table

TOTAL	CMS	SMS	MSG	TSG	SSG	SRA	AB-A1C
Authorized	11	9	76	91	152	101	32

8.2. Enlisted Career Path

EDUCATION AND TRAINING REQUIREMENTS	GRADE REQUIREMENTS			
	RANK	AVERAGE SEW-ON	EARLIEST SEW-ON	HIGH YEAR OF TENURE (HYT)
BASIC MILITARY TRAINING SCHOOL				
APPRENTICE TECHNICAL SCHOOL (3-SKILL LEVEL)	Amn A1C SrA	6 months 16 months 28 months	(6 yr enlistee)	
UPGRADE TO JOURNEYMAN (5-SKILL LEVEL) - Minimum 15 months on-the-job training. - (9 months retrainees) - Complete CDC 1C251A & 1C251B. - Complete ASTC Journeyman Course	A1C SrA	3 years	28 months (6 yr enlistees)	12 Years
AIRMAN LEADERSHIP SCHOOL (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).	TRAINER - Trainer must be certified on the task, recommended by the supervisor, and must attend the formal Air Force Training course			
UPGRADE TO CRAFTSMAN (7-SKILL LEVEL) - Minimum rank of SSgt. - 12 months OJT. (6 months retrainees)	SSgt	7.5 years	3 years	20 Years
	CERTIFIER IAW the Feb 05 version of AFI 36-2201 para. 7.8.1.3.5 the 1C2 AFCFM has determined that certifier's initials are no longer required.			
NONCOMMISSIONED OFFICER ACADEMY (NCOA) - Must be a TSgt or TSgt Selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt	12.5 years	5 years	24 Years
	MSgt	16 years	8 years	26 Years
USAF SENIOR NCO ACADEMY (SNCOA) - Must be a SMSgt, SMSgt select or selected MSgt. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only).	SMSgt	19.2 years	11 years	28 Years
UPGRADE TO SUPERINTENDENT (9-SKILL LEVEL) - Minimum rank of SMSgt.				
	CMSgt	21.5 years	14 years	30 Years

8.3. Duty Positions and Locations: Combat Controllers operate from five CONUS and two overseas squadrons. The CONUS squadrons are:

- a. 21 STS, Pope AFB, NC
- b. 22 STS, McChord AFB, WA

- c. 23 STS, Hurlburt Fld, FL
- d. 24 STS, Pope AFB, NC
- e. 123 STS, Kentucky ANG, Louisville KY
- f. 125 STS, Oregon ANG, Portland OR

8.3.1. The overseas squadrons are:

- a. 320 STS, Kadena Air Base, Japan
- b. 321 STS at RAF Mildenhall, England.

8.3.2. Each of these squadrons consists of element members, element leaders, flight chiefs, senior or chief enlisted managers, and unit staff positions.

8.3.3. AETC staff and instructor staff positions are assigned in various locations. They are:

- a. HQ AETC/A3TC, Randolph AFB, TX
- b. 2 AF/DOV, Keesler AFB, MS
- c. 19 AF/DOV, Randolph AFB, TX
- d. 334 TRS, Keesler AFB, MS
- e. 342 TRS/Combat Training Flight (CTF), LAFB, TX.
- f. CCT Orientation Course, LAFB, TX
- g. Det 2, 342 TRS, NSA Panama City, FL
- h. OL-C 342 TRS, Pope AFB, NC
- i. OL-D 342 TRS, Yuma Proving Grounds, Yuma, AZ

NOTE: 342 TRS/CTF oversees the CCT Preparatory Course and three geographically separated OLS

8.3.4. The following staff, liaison and instructor positions are located at Hurlburt Field, FL:

- a. HQ AFSOC
- b. AFSOC/IG
- c. 720th Special Tactics Group
- d. 6th SOS (Aviation Foreign Internal Defense)
- e. Advanced Skills Training Center

8.3.5. Instructor liaisons are located at:

- a. 720 OSS/OL-A, Yuma, AZ
- b. 720 OSS/OL-B, Nellis AFB, NV

8.3.6. AF Career Field Managers (AFCFMs) and support operations liaisons are located at:

- a. HQ USAF/Pentagon, Washington DC
- b. HQ USSOCOM, MacDill AFB, FL
- c. HQ AMC at Scott AFB, IL
- d. HQ SOCCENT, MacDill AFB, FL
- e. HQ SOCPAC, Camp Smith, HI
- f. HQ SOCSOUTH, Homestead AFB, FL
- g. HQ SOCJFCOM, Norfolk NAS, VA

8.4. Combat Control Progression Path

COMBAT CONTROL PROGRESSION PATH				
GRADE SKILL LEVEL	DUTY POSITION(S)	FORMAL TRAINING	PROFESSIONAL MILITARY EDUCATION	OFF-DUTY EDUCATION
1 ST TERM - SRA 3-LEVEL	Element Member	ASTC Combat Diver Military Freefall 5 Level CDC OJT Upgrade Training	ALS	As Duty Permits
CAREER - SRA 5-LEVEL	Element Member Supervisor AETC Instructor Special Missions Unit	JFCC TAC S/L Jumpmaster	ALS (ANG via correspondence)	As Duty Permits
SSGT 7-LEVEL	Element Member Supervisor AETC Instructor ASTC Instructor Special Missions Unit Unit Staff	ATC Tower Certification HALO Jumpmaster Dive Supervisor Survey Course Team Leader Course	N/A	CCAF (recommended)
TSGT 7-LEVEL	Element Leader Supervisor AETC Instructor ASTC Instructor Special Missions Unit Unit Staff MAJCOM/Group Staff	TAC Instructor Stan/Eval Evaluator	NCOA (ANG via correspondence)	CCAF (recommended)
MSGT 7-LEVEL	Section Chief Flight Superintendent NCOIC, Unit Staff Instructor/Supervisor MAJCOM/Group Staff Joint Staff	Joint Spec Ops Planning Workshops Rescue Coordination Controller Course	SNCOA Correspondence	Complete CCAF Degree (recommended)
SMSGT 9-LEVEL	Superintendent Squadron Superintendent School Commandant Supt, Unit Staff MAJCOM/Group Staff Joint Staff	N/A	SNCOA Residence (ANG via Correspondence)	N/A
CMSGT 00-LEVEL	Squadron Superintendent Group Superintendent MAJCOM/Career Field Manager	N/A	N/A	N/A

SECTION C – Skill Level Training Requirements

9. Purpose. Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Sections A and B of this CFETP.

10. Specialty Qualification:

10.1. Apprentice Level Training:

10.1.1. Specialty Qualification. This information will be located in the official specialty description in AIR FORCE ENLISTED CLASSIFICATION DIRECTORY (AFECD), paragraph 3.

10.1.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS) and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; Alternate Insertion and Extraction (AIE) methods; parachute procedures and equipment; small unit tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.1.1.2. Education. Completion of high school is desirable.

10.1.1.3. Training. Completion of the following courses are mandatory for award of AFSC 1C231: (a) Combat Control Preparatory, (b) Combat Control Operator Fundamentals and Tower (Air Traffic Control), (c) Basic Parachutist, (d) Combat Survival, (e) Combat Control Apprentice. Combat Diver qualification training and Military Freefall (Parachutist) qualification training are 3-skill level training requirements that are currently not accomplished until the individuals graduate from Combat Control School, are awarded their 3-skill level and are assigned to the ASTC. All individuals must successfully complete the Combat Diver Qualification Course and Military Freefall (Parachutist) qualification training to be awarded their 5-skill level.

10.1.1.4. Experience. Not applicable.

10.1.1.5. Other. The following are mandatory as indicated:

10.1.1.5.1. For entry, award, and retention of AFSCs 1C211/31, physical qualification for air traffic controller duty, marine diving duty, and parachute duty according to AFI 48-123, *Medical Examination and Standards*.

10.1.1.5.2. For entry, award, and retention of AFSCs 1C211/31 qualification to bear firearms according to AFI 31-207, *Arming and Use of Force By Air Force Personnel*, AFI 36-2226, *Combat Arms Training and Maintenance (CATM)* and AFSOCI 36-2204, *Special Tactics Operator Training*.

10.1.1.5.3. For entry into this specialty, successful completion of the physical ability and stamina test (PAST).

10.1.1.5.4. For award and retention of AFSC 1C231, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Management Program*.

10.1.1.5.5. For award and retention of AFSC 1C231, qualification as static line parachutist.

10.1.1.5.6. Physical qualification and maintenance of personal physical standards as defined in tables 6.1 and 6.2 of this CFETP and AFI 13-219, *Special Tactics Standards and Evaluation*, and AFSOCI 36-2204, *Special Tactics Training*.

10.1.2. Training Sources/Resources. See Paragraph 10.1.1.3.

10.1.3. Implementation. Entry into training is through the Oracle Training Administration (OTA). Completion of the following courses is required prior for the award of the 3-skill level: Combat Control Preparatory Course (L3AQR1C231-0C0B), Combat Control Operator (E3AQR1C231-00CD), U.S. Army Airborne (L3AQR1T231-002), Combat Survival Training (SV-80-A), and Combat Control Apprentice (L3ABP1C231-0C1A). The 3-skill level is awarded upon completion of the Combat Control Apprentice Course. After graduation from the basic courses, qualification and advance specialty training leading to combat ready status begins when individuals are assigned to their first duty location.

10.2. Journeyman Level Training:

10.2.1. Specialty Qualification.

10.2.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS), UAVs and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; alternate insertion and extraction (AIE) methods; parachute procedures and equipment; jump master training; small unit tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.2.1.2. Education. Completion of high school is desirable.

10.2.1.3. Training. Completion of CDCs 1C251A and 1C251B are mandatory for award of the 5-level. Combat Diver qualification training and Military Freefall (Parachutist) qualification training are 3-skill level training requirements that are currently not accomplished until the individuals graduate from Combat Control School, are awarded their 3-skill level and are assigned to the ASTC. All individuals must successfully complete the Combat Diver Qualification Course and Military Freefall (Parachutist) qualification training to be awarded their 5-skill level.

10.2.1.4. Experience. The following experience is mandatory for award of AFSC 1C251:

10.2.1.4.1. Qualification in and possession of AFSC 1C231. Also, experience in reconnaissance, terminal control, and combat enabling tasks.

10.2.1.5. Other. The following are mandatory as indicated.

10.2.1.5.1. For entry, award, and retention of AFSC 1C251, physical qualification for air traffic controller duty, marine diving duty, and parachute according to AFI 48-123, *Medical Examination and Standards*.

10.2.1.5.2. For entry, award, and retention of AFSCs 1C251 qualification to bear firearms according to AFI 31-207, *Arming and Use of Force By Air Force Personnel*, AFI 36-2226, *Combat Arms Training and Maintenance (CATM)* and AFSOCI 36-2204, *Special Tactics Operator Training*.

10.2.1.5.3. For award and retention of AFSC 1C251, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Program Management*

10.2.1.5.4. For award and retention of AFSC 1C251:

10.2.1.5.4.1. Qualification as a static line and military freefall parachutist, and as a scuba diver.
10.2.1.5.4.2. Physical qualification and maintenance of personal physical standards as defined in AFI 13-219, *Special Tactics Standards and Evaluation*, and AFSOCI 36-2204 *Special Tactics Training*.

10.2.2. Training Sources/Resources. Complete the Combat Diver and Military Freefall (Parachutist) courses. Complete CDCs 1C251A and 1C251B which are administered by ECI. Complete STS tasks required for qualification of the 5-skill level. A list of training courses that support this career field is contained in Part II, Section D of this CFETP.

10.2.3. Implementation. Entry into upgrade training is initiated when an individual possesses the 3-skill level. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform. Complete mandatory CDCs, all core tasks identified in the CFETP and other duty position tasks identified by the supervisor. Award of the 5-skill level also requires completion of a minimum 15 months in UGT; all mandatory requirements listed in AFECD, and CFETP, and recommendation by the supervisor and approval by their commander. Individuals in retraining status are subject to the same training requirements and must complete a minimum of 9 months in UGT.

10.3. Craftsman Level Training:

10.3.1. Specialty Qualification.

10.3.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS) and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; alternate insertion and extraction (AIE) methods; parachute procedures and equipment; jump master training; small unit tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.3.1.2. Education. Completion of high school is desirable.

10.3.1.3. Training. Qualification training as a Joint Terminal Attack Controller, Surveyor, Team Leader, Military Freefall Parachutist Jumpmaster, Dive Supervisor and UAV operations is desirable.

10.3.1.4. Experience. The following experience is mandatory for award of AFSC 1C271:

10.3.1.4.1. Qualification in and possession of AFSC 1C251, experience performing or supervising duties involving actual air traffic deployment and control, UAV's and combat control activities.

10.3.1.5. Other. The following are mandatory as indicated:

10.3.1.5.1. For entry, award, and retention of AFSC 1C271, physical qualification for air traffic controller duty, marine diving duty, and parachute according to AFI 48-123, *Medical Examination and Standards*.

10.3.1.5.2. For entry, award, and retention of AFSCs 1C271 qualification to bear firearms according to AFI 31-207, *Arming and Use of Force By Air Force Personnel*, AFI 36-2226, *Combat Arms Training and Maintenance (CATM)* and AFSOCI 36-2204, *Special Tactics Operator Training*.

10.3.1.5.3. For award and retention of AFSC 1C271, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Management Program*.

10.3.1.5.4. For award and retention of AFSC 1C271:

10.3.1.5.4.1. Qualification as a static line and military freefall parachutist, and as a scuba diver.

10.3.1.5.4.2. Physical qualification and maintenance of personal physical standards as defined in AFI 13-219, *Special Tactics Standards and Evaluation*, and AFSOCI 36-2204, *Special Tactics Training*.

10.3.2. Training Sources/Resources. The STS identifies tasks required for qualification of the 7-level. A list of training courses that support this career field is in Part II, Section D of this CFETP.

10.3.3. Implementation. Be at least a staff sergeant (SSgt), complete mandatory CDCs, core tasks identified in the CFETP and other duty position tasks identified by the supervisor, meet mandatory requirements listed in the specialty description in AFECD, complete a minimum of 12 months in training, recommendation by their supervisor and approval by their commander for award of the 7-skill level. Individuals in retraining status are subject to the same training requirements and a minimum of 6 months in UGT. Entry is effective 1 September each year if an individual is selected for SSgt (exception: STEP promotees, retrainees, and ARC personnel). Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

10.4. Superintendent Level Training:

10.4.1. Specialty Qualification.

10.4.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS) and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; AIE methods; parachute procedures and equipment; jump master training; small unit tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.4.1.2. Education. Personnel will be awarded the 9-level upon SMSgt sew-on. Completion of a CCAF Degree is recommended.

10.4.1.3. Training. Not applicable.

10.4.1.4. Experience. The following experience is mandatory for award of the AFSC indicated:

10.4.1.4.1. Qualification in and possession of AFSC 1C271, experience managing actual air traffic deployment and control, and combat control activities.

10.4.1.5. Other. The following are mandatory as indicated:

10.4.1.5.1. For entry, award, and retention of AFSC 1C291/00, physical qualification for air traffic

controller duty, marine diving duty, and parachute duty according to AFI 48-123, *Medical Examination and Standards*.

10.4.1.5.2. For entry, award, and retention of AFSCs 1C291/00 qualification to bear firearms according to AFI 31-207, *Arming and Use of Force By Air Force Personnel*, AFI 36-2226, *Combat Arms Training and Maintenance (CATM)* and AFSOCI 36-2204, *Special Tactics Operator Training*.

10.4.1.5.3. For award and retention of AFSC 1C291/00, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Management Program*.

10.4.1.5.4. For award and retention of AFSC 1C291/00:

10.4.1.5.4.1. Qualification as a static line and military freefall parachutist, and as a scuba diver.

10.4.1.5.4.2. Physical qualification and maintenance of personal physical standards as defined in AFI 13-219, *Special Tactics Standards and Evaluation*, and AFSOCI 36-2204, *Special Tactics Training*.

10.4.2. Training Sources/Resources. Senior NCO Academy at Gunter AFB, AL.

10.4.3. Implementation. Award the 9-level when an individual possesses a 7-level and is an E-8 or higher. Qualification training is initiated anytime individuals are assigned duties they are not qualified to perform.

Section D -- Resource Constraints

11. Purpose. This section identifies known resource constraints, which preclude optimal/desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

12. Apprentice Level Training:

12.1. Constraints: Availability of Airborne and Survival quotas occasionally constrain pipeline flow. The Combat Control Apprentice Course remains constrained due to facility, equipment and instructor limitations. A MILCON project for the new CCT Apprentice Course facilities was approved for FY 05 with construction to be completed sometime in FY 07.

12.1.1. Impact: Apprentice course training capacity is 140 entries per FY until new facility construction is complete. Inability to produce graduates at capacity impacts ASTC's ability to provide 5-skill level Combat Controllers to operational units.

12.1.2. Resources Required. Resource requirements to un-constrain the CCT Apprentice Course are captured in AETC course resource estimates. Requirements include: facilities, equipment, and other infrastructure to accommodate unconstrained TPR/STR.

12.1.3. Action Required. HQ AETC in conjunction with HQ USAF, continue to work resourcing issues to un-constrain CCT Apprentice Course.

12.1.4. OPR/Target Completion Date. HQ AETC/On-going through FY08

13. Journeyman Level Training:

13.1. Constraints: CCT ASTC production is impacted by it's ability to send qualified students to the Combat Diver and Military Freefall Courses.

13.1.1. Impact. CCT ASTC graduates are not "mission ready airmen" until completion of Combat Dive and Military Freefall training, impacting available manpower at operational units.

13.1.2. Resources Required. Resources (equipment, instructors and facilities) are required to implement water skills training throughout the pipeline to better prepare 3-levels for ASTC pre-scuba training and attendance at AFCDC. Military Freefall quota shortfall resolution is the responsibility of AETC/A3, with resolution actions on-going. Training quotas to this school have been set by USASOC with major reductions already in place. There are currently no resourcing shortfalls to address, USASOC is limiting AF attendance regardless of instructor manning.

13.1.3. Action Required. AETC is conducting a course resource estimate to determine requirements to add water skills training to the pipeline. Any additional resourcing requirements

driven by this training change are the responsibility of the MAJCOM (HQ AFSOC). AETC/A3 is working to increase Military Freefall quotas at the USASOC Course in addition to working with NAVSPECWARCOM to coordinate quotas to their contract Military Freefall Course.

13.1.4. OPR/Target Completion Date. HQ AFSOC/On-going through FY08. HQ AETC/A3 OPR for Military Freefall course capacity issues, on-going through FY06.

14. Seven Level Training

14.1. Constraints:

14.1.1. Impact.

14.1.2. Resources Required.

14.1.3. Action Required.

14.2. OPR/Target Completion Date.

Section E - *Transition Training Guide*

There are currently no Transition Training Requirements. This area is reserved.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

CARROL H. CHANDLER, Lt Gen, USAF
DCS, Air, Space & Information
Operations, Plans & Requirements

PART II

Section A --- Specialty Training Standard

1. Implementation. This STS will be used for technical training provided by AETC for 3-skill level classes beginning 2 Apr 07 and graduating 26 Jun 07.

2. Purpose. As prescribed in AFI 36-2201, Vol 5, this STS:

2.1. Lists in column 1 (*Task, Knowledge, and Technical Reference*) the most common tasks, knowledge, and technical references (TR) necessary for airman to perform duties in the 3-, 5-, and 7-skill level. Column 2 (*Core Tasks*) identifies specialty-wide training requirements.

2.2. Shows formal training and correspondence course requirements. Column 3 shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge and the career knowledge provided by the correspondence course. See CADRE/AFSC/CDC listing maintained by the unit-training manager for current CDC listings.

2.3. Provides certification for OJT. Column 4 is used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. **Task certification (and initials) is no longer required for core and critical tasks.**

2.4. Qualitative Requirements. The Proficiency Coding System indicates the level of training and knowledge provided by all resident training courses and career development courses. This coding system represents the contract between the AFCFM and the course providers.

2.5. Becomes a Job Qualification Standard (JQS) for on-the-job training when placed in AF Form 623, Individual Training Record Folder, and used according to AFI 36-2201, Vol 3. For current documentation, decertification/recertification and transcribing procedures, see AFI 36-2201, Volume 3.

2.5.2. Training Standard. All tasks required in the current duty position are trained and certified to the Go/No Go level. Go means the individual can perform the task without assistance and meets local demands for accuracy, timeliness, and correct use of phraseology and procedures. For ATC training, CCT/1C2X1 will attend the ATC School and use the 1C1X1 STS for this portion of their training.

2.6. The CFETP Part II is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in AFI 36-2606. WAPS is not applicable to the Air National Guard.

3. Recommendations.

3.1. 342 TRS courses: Comments and recommendations are invited concerning quality of AETC training. Reference this CFETP and address correspondence regarding changes to 37 TRG/DOS, 100 Mercury Drive, Lackland AFB, TX 78236-5717. A Customer Service Information Line (CSIL) has been installed for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this training standard. For quick response to problems, call DSN 473-2918, any time day or night.

3.2. 334 TRS courses: Comments and recommendations are invited concerning the quality of AETC training. A Customer Service Information Line (CSIL) has been installed for the supervisor's convenience. For a quick response to concerns, call our CSIL at DSN 597-4566, or fax us at DSN 597-3790, or e-mail us at, 81trg-tget@keesler.af.mil. Reference this CTS/STS and identify the specific area of concern (paragraph, training standard element, etc).

Section B --Course Objective List

This section is not used due to the ever- changing nature of the 1C2X1 AFS. For complete information pertaining to Course Objectives contact 342 TRS/CTFD, DSN 473-2957.

Section C -- Support Materials

There are currently no support material requirements. This area reserved

Section D --Training Course Index

1. Purpose. This section of the CFETP identifies training courses available for the specialty and shows how the courses are used by each MAJCOM in their career field training programs.

2. Air Force In-Residence Courses (including courses operated by sister services.)

NOTE: * in tables below indicates courses not listed in the Education Training Course Announcement (ETCA).

TITLE	LOCATION	OPR
Combat Control Preparatory Course	Lackland AFB, TX	USAF
Combat Control Operator	Keesler AFB, MS	USAF
U.S. Army Airborne	Ft Benning, GA	USA
Combat Survival Training Course	Fairchild AFB, WA	USAF
Combat Control Apprentice	Pope AFB, NC	USAF
Military Freefall Parachutist or Equivalent	Yuma, AZ	USA
USAF Combat Dive Course or Equivalent	Panama City, FL	USAF
Tactical Radar Approach Control	Keesler AFB, MS	USAF
Static Line Jumpmaster Course	Pope AFB, NC	USAF
* Static Line Jumpmaster Course	Coronado NAS, CA	USN
* Static Line Jumpmaster Course	Little Creek, VA	USN
Military Free Fall Jumpmaster	Yuma, AZ	USA
Survey & Assault Zone Assessment Course	Pope AFB, NC	USAF

Combat Diving Supervisor	Key West NAS, FL	USA
* USMC Amphibious Reconnaissance	Camp Pendelton & Lejeune	USMC
* Dive Equipment Maintenance Course	Coronado NAS, CA	USN
* DRAEGER LAR V Transition	Coronado/Little Creek	USN
* Long Range Maritime Operations	Coronado NAS, CA	USN
Special Survival Training Course	Fairchild AFB, WA	USAF
Underwater Egress	Fairchild AFB, WA	USAF
Water Survival (parachutist)	Tyndall AFB, FL	USAF
Arctic Survival	Eielson AFB, AK	USAF
Water Survival (non-parachutist)	Fairchild AFB, WA	USAF
SERE High Risk Level C	Ft Bragg, NC	USA
Introduction to Personnel Recovery	Ft Belvoir, VA	JPRA
Personnel Recovery Plans & Operations	Ft Belvoir, VA	JPRA
Contingency/Wartime Planning	Maxwell AFB, AL	USAF
USMC TACP	Little Creek NAS, VA /Coronado NAS, CA	USMC
Ranger School	Ft Benning, GA	USA
Long Range Surveillance	Ft Benning, GA	USA
Battle Staff	Hurlburt Fld, FL	ACC
Joint Combat Airspace Command & Control	Hurlburt Fld, FL	ACC
Joint Firepower Control Course	Nellis, AFB NV	ACC
Advanced Skills Training Center	Hurlburt Fld, FL	AFSOC
Latin American Orientation	Hurlburt Fld, FL	AFSOC
Joint Psychological Operations	Hurlburt Fld, FL	AFSOC
Middle East Orientation	Hurlburt Fld, FL	AFSOC
Cross Cultural Communications	Hurlburt Fld, FL	AFSOC
Dynamics of International Terrorism	Hurlburt Fld, FL	AFSOC
Crisis Response Management	Hurlburt Fld, FL	AFSOC
Joint Special Ops Planning Workshop	Hurlburt Fld, FL	AFSOC
Joint Sr Psy Ops Course	Hurlburt Fld, FL	AFSOC

Africa Orientation Course	Hurlburt Fld, FL	AFSOC
Southeast Asia Orientation Course	Hurlburt Fld, FL	AFSOC
Intro to Spec Ops	Hurlburt Fld, FL	AFSOC
Revolutionary Warfare	Hurlburt Fld, FL	AFSOC
Civil-Military Strategy for Internal Development	Hurlburt Fld, FL	AFSOC
Joint Aviation FID	Hurlburt Fld, FL	AFSOC

3. Extension Course Institute (ECI) Courses

COURSE NUMBER	TITLE	LOCATION	USER
1C251	Combat Control Journeyman	Base Level	All

4. Exportable Courses: None

5. Courses under Development/Revision:

Section E -- Additional Regulatory Guidance and Requirements

There are currently no MAJCOM unique requirements. This area is reserved.

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (extremely limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (partially proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (highly proficient)
*Task Knowledge Levels	a	Can name parts, tools, and simple facts about the task. (nomenclature)
	b	Can determine step-by-step procedures for doing the task. (procedures)
	c	Can identify why and when the task must be done and why each step is needed. (operating principles)
	d	Can predict, isolate, and resolve problems about the task. (advanced theory)
**Subject Knowledge Levels	A	Can identify basic facts and terms about the subject. (facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (evaluation)
Explanations * A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b) ** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks. - This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC. X This mark is used alone in course columns to show that training is required but not given due to limitations in resources. NOTE: All tasks and knowledge items shown with a proficiency code are trained during wartime.		

Tasks 11-22 are satisfied in Combat Control Operator Course E3AQR1C231- 00CD, at Keesler AFB, MS.

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	

1. Employ Defensive Measures

1.1. Communication Security (COMSEC):

TR: DODI 5200.1R, AFI 33-201

1.1.1. Security violations	5	B	B	B					
1.1.2. EEFI's	5	B	B	B					
1.1.3. Security precautions	5	B	B	B					

1.2. Operations Security (OPSEC)

TR: AFI 10-1101

1.2.1. OPSEC	5	B	B	B					
1.2.2. OPSEC to COMSEC relationship	5	B	B	B					
1.2.3. OPSEC vulnerabilities	5	B	B	B					
1.2.4. OPSEC significance of unclassified data	5	B	B	B					
1.2.5. Counterintelligence responsibilities	5	B	B	B					

1.3. Health, First Aid, and Survival

TR: FM 21-11, FM 21-18

1.3.1. Apply First Aid TR: FM 21-11	5	b	b	2b					
1.3.2. Obtain CPR certification	5	—	—	3b					
1.3.3. Perform foot care		2b	—	3b					
1.3.4. Perform physical training		3b	—	3b					
1.3.5 Perform surface/ subsurface swimming		3b	—	3b					
1.3.6 Perform progressive surface/sub-surface water skills training		3b	—	3b					

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
		3-Level	5-Level		A	B	C	D	E	
		COURSE	CDC	ASTC	TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
1.4. SMALL UNIT TACTICS: TR: FMs 7-8, 7-9, 7-10, 7-85, 20-3, 21-18, 21-26, 21-31, 21-60, 21-75, 21-76, 23-9, 31-25, 31-70, 90-3, 90-5, 90-6, 90-6-1, 90-10, 90-10-1, 90-13 SH 21-76 (RGR HANDBOOK)										
1.4.1. Perform overland infiltration and exfiltration operations using:										
1.4.1.1. Formations	5	2b	b	3b						
1.4.1.2. Defensive fire techniques	5	2b	b	3b						
1.4.1.3. Immediate Action Drills	5	2b	b	3b						
1.4.1.4. Live fire day immediate action drills	5	2b	—	3b						
1.4.1.5. Live fire night immediate action drills	5	—	—	3b						
1.4.1.6. Team member assignments and responsibilities	5	2b	b	3b						
1.4.1.7. Arm and hand signals	5	2b	b	3b						
1.4.1.8. Bivouac and patrol base duties	5	2b	b	3b						
1.4.1.9. Camouflage, Cover, and Concealment	5	2b	b	3b						
1.4.1.10. Danger Area procedures	5	2b	b	3b						
1.4.1.11. Field hygiene techniques	5	2b	b	3b						
1.4.1.12. Night observation illumination	5	2b	—	2b						
1.4.1.13. Protective mask	5	2b	b	3b						
1.5. Operate in:										
1.5.1. Jungle environment TR: FM 90-5		b	b	b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
1.5.2. Mountain environment TR: FM 31-70, 90-6-1, 90-11-1		b	b	b						
1.5.3. Desert environment TR: FM 90-3		b	b	b						
1.5.4. Cold weather environment TR: FM 31-70, 31-71		b	b	b						
1.5.5. Urban environment TR: FM 90-10, 90-10-1		b	b	b						
1.5.6. Nuclear, Biological, Chemical environment TR: FM 3-4, 3-7	5	b	b	2b						
1.5.7. Night environment TR: AV156-12510-21	5	b	b	2b						
1.6. WEAPONS TRAINING: TR: AFI 36-2226, AFMAN 91-201, TOs 11W2-9-2-345-1-1, 11W3-4-2-51, 11W3-5-5-1-1, 11W3-4-2-51, TM 11-5855-213-10, TM 11-5855-297-12 & P, TM 11-5855-301-12 & P, TM 11-5855-238-10, TM 11-5855-238-10-1, TM 11-5855-238-10-1										
1.6.1. Handgun: TR: FM 23-35, TM 9-1005-317-10										
1.6.1.1. Perform fundamentals of fire	5	2b	b	3b						
1.6.1.2. Perform protective mask firing	5	b	b	3b						
1.6.1.3. Perform night firing	5	b	—	3b						
1.6.2. Rifle: Special Operations specific TR: T.O. 11W3-5-5-42, FM 23-9										
1.6.2.1. Perform fundamentals of fire	5	2b	b	3b						
1.6.2.2. Perform protective mask firing	5	b	b	3b						
1.6.2.3. Perform night firing	5	b	—	3b						
1.6.3. Grenade Launcher: TR: FM 23-31; TOs 11W3-9-4-1, 11W3-9-4-2, 11A8-2-1										

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
1.6.3.1. Perform fundamentals of fire		—	b	2b						
1.6.3.2. Perform protective mask firing		—	—	2b						
1.6.3.3. Perform night firing		—	—	—						
1.6.4. Light Machine Gun: TR: FM 23-14										
1.6.4.1. Perform fundamentals of fire		—	—	2b/x						
1.6.4.2. Perform protective mask firing		—	—	2b/x						
1.6.4.3. Perform night firing		—	—	—						
1.6.5. 40MM Crew Served Weapon: TR: FM 3-22.27										
1.6.5.1. Perform fundamentals of fire		—	—	2b/x						
1.6.5.2. Perform protective mask firing		—	—	2b/x						
1.6.5.3. Perform night Firing		—	—	—						
1.6.6. .50 Caliber Crew Served Weapon: TR: FM 3-22.65										
1.6.6.1. Perform fundamentals of fire		—	—	2b/x						
1.6.6.2. Perform protective mask firing		—	—	2b/x						
1.6.6.3. Perform night firing		—	—	—						
1.6.7. 7.62mm Crew Served Weapon: TR: TO 11W2-6-5-1, TO 11W2-6-5-2, FM 3-22.68										
1.6.7.1. Perform fundamentals of fire		—	—	2b/x						
1.6.7.2. Perform protective mask firing		—	—	2b/x						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
1.6.7.3. Perform night Firing		—	—	—						
1.6.8. AK (Kalashnikov) Family Weaponry										
TR: STP 31-18B34-SM-TG Special Forces Soldier's Manual and Training Guide for 18B Series										
1.6.8.1. Perform fundamentals of fire		—	—	—						
1.6.8.2. Perform protective mask firing		—	—	—						
1.6.8.3. Perform night firing		—	—	—						
1.6.9. Hand Grenades:										
TR: FM 3-23.30										
1.6.9.1. Employ hand grenades		3b	b	—						
1.6.10. Anti-Armor Rockets:										
TR: FM 3-22.37										
1.6.10.1. Perform fundamentals of fire		—	—	—						
1.6.10.2. Perform protective mask firing		—	—	—						
1.6.10.3. Perform night firing		—	—	—						
1.6.11. Safeguard, Store, Transport and Safely Handle:										
TR: AFI 31-101										
1.6.11.1. Weapons	5	2b	b	b						
1.6.11.2. Ammunition	5	2b	b	b						
1.6.11.3. Explosives	5	2b	b	b						
1.6.12. Perform Ground Combat Skills:										
TR: Marine Corp Martial Arts Program (MCMAP)										
1.6.12.1. Close Quarter Battle		—	—	—						
1.6.12.2. Hand-to-Hand		—	—	—						
2. COMMUNICATIONS, COMPUTERS, TEAM LEADER COMMAND and CONTROL, AND INTELLIGENCE										

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
		3-Level	5-Level		A	B	C	D	E	
		COURSE	CDC	ASTC	TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
2.1. Communications										
TR: PRC 117 Pocket Guide, PRC-148 Operations Manual, ASTC Student Communications Guide										
2.1.1. Operate powered generators	5	—	a	—						
2.1.2. Operate PRC-117F	5	2b	b	3b						
2.1.3. Operate PRC-138		2b	b	—						
2.1.4. Operate PRC-150	—	—	—	—						
2.1.5. Operate PRC-148	5	2b	b	3b						
2.1.6. Operate PSC-5D		—	b	—						
2.1.7. Operate secure voice systems	5	2b	b	3b						
2.1.8. Operate crypto storage device	5	2b	b	3b						
2.1.9. Perform satellite communications voice	5	2b	b	3b						
2.1.10. Perform data communications	5	—	—	2b						
2.1.11 Perform Have Quick Communications		—	b	2b						
2.1.12 Operate SINGARS		—	—	2b						
2.1.13 Perform Over the Air Rekey		—	—	2b						
2.2. Team Leader Command and Control										
TR: AF Form 1924 Events Log, AF Form 1020 Radio Control Log, STS Operator Checklist										
2.2.1. Command and control of personnel	7	B	B	—						
2.2.2. Perform personnel/equipment accountability	5	2b	b	2b						
2.2.3. Safety and security	5	B	B	B						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
2.2.4. Debrief and reconstitute	7	2b	b	—						
2.2.5. Operate communications nets	5	b	b	3b						
2.2.6. Use transmission formats	5	b	b	3b						
2.3. INTELLIGENCE: TR: FM 7-92, 7-93, 17-98, 31-20-5, 34-2-1										
2.3.1. Intelligence functions	5	B	—	B						
2.3.2. Intelligence organizations	5	B	B	B						
2.3.3. Formulate RFIs	7	b	b	b						
3. MISSION PREPARATION										
3.1. Mission Analysis and Planning: TR: FM 7-93, 7-85, 31-20-5, 7-20, 7-70 AMCI 10-202, Vol 3, 10-204										
3.1.1. Perform mission analysis	7	b	b	b						
3.1.2. Concept of operations	7	B	B	B						
3.1.3. Complete tasking mission information documents	7	—	a	b						
3.1.4. Mission concept	7	—	—	B						
3.1.5. Perform Operational Risk Assessment (ORM)	7	—	b	b						
3.1.6. Prepare warning order	7	—	b	b						
3.1.7. Perform detailed planning	7	b	b	b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
3.1.8. Brief operational order	7	b	b	b						
3.1.9. Prepare mission equipment	5	b	b	2b						
3.1.10. Perform brief-back	5	b	b	3b						
3.1.11. Conduct rehearsal and inspection	7	b	b	2b						
3.1.12. Run execution checklist	5	—	—	b						
3.1.13. Interpret JCEOI	5	—	b	b						
4. INFILTRATE/EXFILTRATE:										
4. 1. Airborne Operations:										
TR: FM 3-21.220, AFMAN 11-420, TO 14D1-2-2										
4.1.1. Perform day combat equipment jump	5	2b	—	3b						
4.1.2. Perform night combat equipment jump	5	2b	b	3b						
4.1.3. Perform day water jump	5	—	—	3b						
4.1.4. Perform night water jump	5	—	b	3b						
4.1.5. Perform static line jumpmaster (JM) duties		—	—	—						
4.1.6. Plan and execute JM Directed (JMD) procedures		—	—	—						
4.2. Rescue JM Duties:										
TR: Pararescue Operator Checklist										
4.2.1. Plan and execute JM release using Wind Drift Indicator (WDI) JMD procedures		—	—	—						
4.2.2. Plan and execute JM release to a moving target WDI JMD procedures		—	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
4.2.3. Evaluate un-surveyed, adverse terrain, and Emergency DZs		—	—	—						
4.3. HALO Team Member: TR: AFMAN 11-411(I), FM 31-19										
4.3.1. Perform day jump with combat equipment	5	—	b	3b						
4.3.2. Perform night jump with combat equipment	5	—	b	3b						
4.3.3. Perform day water jump		—	b	3b						
4.3.4. Perform night water jump		—	b	3b						
4.3.5. Perform day jump with combat equipment/02	5	—	b	3b						
4.3.6. Perform night jump with combat equipment/02	5	—	b	3b						
4.4. Military Free Fall Jumpmaster: TR: AFMAN 11-411(I), FM 31-19										
4.4.1. Perform JM Duties		—	—	—						
4.5. HAHO Team Member: TR: AFMAN 11-411(I), FM 31-19										
4.5.1. Perform day jump with combat equipment/02		—	—	—						
4.5.2. Perform night jump with combat equipment/02		—	—	—						
4.6. HAHO Navigator: TR: FM 31-19										
4.6.1. Perform NAV duties on day HAHO operation		—	—	—						
4.6.2. Perform NAV duties on night HAHO operation		—	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required			
					3-Level	5-Level		A	B		C	D	E
					COURSE	CDC	ASTC	TRAINING START	TRAINING COMPLETED		TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS
4.7. Advanced MFF Qualifications: TR: United States Parachute Association (USPA) training and certification standards													
4.7.1. Tandem Master		—	—	—									
4.7.2. Camera mounted operations		—	—	—									
4.7.3. AFF JM duties		—	—	—									
4.7.4. AFF instructor duties		—	—	—									
4.7.5. MFF instructor		—	—	—									
4.7.6. Dissimilar operations		—	—	—									
4.8. Rig, Load and Secure CRRC on: TR: TO 13C7-51-21													
4.8.1. RAMZ		—	—	3b									
4.8.2. T-Duck		—	—	—									
4.8.3. Hard Duck		—	—	—									
4.8.4. SOF- Duck		—	—	3b									
4.8.5. K-DUCK		—	—	—									
4.9. Employ CRRC: TR: STS Operator Checklist, SOCOM M 350-4 V2													
4.9.1. RAMZ		—	b	3b									
4.9.2. T-Duck		—	b	—									
4.9.3. Hard Duck		—	b	—									
4.9.4. K-Duck		—	b	—									
4.9.5. SOF-Duck		—	b	3b									

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required			
					3-Level	5-Level		A	B		C	D	E
						COURSE	CDC						
4.10. Perform Helocast: TR: FM 31-20-5, STS Operator Checklist													
4.10.1. Day helocast	5	—	b	3b									
4.10.2. Night helocast		—	b	3b									
4.10.3. Cast-Master duties		—	—	—									
4.11. Perform Alternate Insertion/Extraction (AIE) TR: AFI 16-1202, STS Operator Checklist, SOCOM M 350-6													
4.11.1. Caving ladder	5	2b	b	3b									
4.11.2. Rope ladder	5	—	—	3b									
4.11.3. Day land hoist		—	b	3b									
4.11.4. Day water hoist		—	b	3b									
4.11.5. Night land hoist		—	b	3b									
4.11.6. Night water hoist		—	b	3b									
4.11.7. Tower fast-rope	5	2b	—	3b									
4.11.8. Day helo fast-rope insertion	5	2b	—	3b									
4.11.9. Night helo fast-rope insertion	5	b	b	3b									
4.11.10. Day equipment helo fast-rope insertion	5	b	b	3b									
4.11.11. Night equipment helo fast-rope insertion	5	b	b	3b									
4.11.12. FRIES extraction		b	—	—									
4.11.13. FRIES-Master duties		—	—	—									

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
4.11.14. Tower Rappel		2b	—	3b						
4.11.15. Helo rappel		—	b	3b						
4.11.16. Rappel master duties		—	—	—						
4.12. Perform Combat Diver Operations:										
TR: LCAZP1XXXX-0D0A, AF Combat Dive Course										
4.12.1. Day open circuit dive	5	—	—	3b						
4.12.2. Night open circuit dive	5	—	b	3b						
4.12.3. Day closed circuit dive		—	—	—						
4.12.4. Night closed circuit dive		—	—	—						
4.12.5. Day search dive	5	—	—	3b						
4.12.6. Night search dive		—	b	—						
4.12.7. Dive supervisor open circuit		—	—	—						
4.12.8. Dive supervisor closed circuit		—	—	—						
4.12.9. Prepare equipment for subsurface operations		—	b	3b						
4.12.10. Prepare equipment for amphibious operations		—	b	3b						
4.13. Perform Small Boat Operations										
TR: SOCOM M350-4 V2										
4.13.1. Open water CRRC	5	—	b	3b						
4.13.2. Kayak/Canoe		—	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
4.13.3. Rigid hull		—	—	—						
4.14. Perform Small Boat Navigation during: TR: FM 90-13, FM 3-05.212										
4.14.1. Over the horizon operations		—	—	—						
4.14.2. Riverine operations		—	—	3b						
4.14.3. Inter-coastal operations		—	—	3b						
4.15. Perform Tactical Airland Operations TR: AFI 13-217, STS Operator Checklist										
4.15.1. Day rotary wing infil and exfil	5	b	b	3b						
4.15.2. Night rotary wing infil and exfil	5	b	b	3b						
4.15.3. Day fixed wing infil and exfil	5	b	b	3b						
4.15.4. Night fixed wing infil and exfil	5	b	b	3b						
4.16. Perform All terrain Vehicle (ATV) Operations TR: FM 31-23, STS Operator Checklist NOTE: Use specific manufacturers operating manual										
4.16.1. Motorcycle familiarization and operator maintenance	5	—	—	3b						
4.16.2. Motorcycle off-road night	5	—	—	3b						
4.16.3. Night motorcycle aviation environment (Including RAPIDS)	5	—	b	3b						
4.16.4. ATV familiarization and operator maintenance	5	—	—	3b						
4.16.5. ATV off-road night	5	—	—	3b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
4.16.6. Night ATV aviation environment (Including RAPIDS)	5	—	b	3b						
4.17. Perform Tactical Vehicle Operations										
TR: USSOCOM Convoy Ops GTA-1										
4.17.1. Rescue All Terrain Transporter (RATT) familiarization/operation		—	—	—						
4.17.2. Night RATT aviation environment (Including RAPIDS)		—	—	—						
4.17.3. Night HMMWV aviation environment (Including RAPIDS)	5	—	b	3b						
4.17.4. Snowmobile familiarization/operation		—	—	—						
4.17.5. Day snowmobile aviation environment (Including RAPIDS)		—	—	—						
4.17.6. Snowmobiles overland infiltration		—	—	—						
4.17.7. Convoy operations		—	b	3b						
4.18. Perform Land Navigation Using:										
TR: FM 3-25.26, NOTE: Use applicable GPS operator manuals										
4.18.1. Maps and grid systems	5	2b	b	3b						
4.18.2. Magnetic compass	5	2b	b	3b						
4.18.3. Aerial photo and imagery	5	2b	b	3b						
4.18.4. GPS navigation	5	2b	b	3b						
4.18.5. Advanced navigation techniques		—	—	—						
4.18.6. Computer assisted navigation techniques	5	—	—	3b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
		3-Level	5-Level		A	B	C	D	E	
		COURSE	CDC	ASTC	TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
5. TERMINAL CONTROL										
5.1. Air Traffic Control										
TR: FAAO 7110.65; Aeronautical Information Manual (AIM); AFI 13-203										
5.1.1. Transmit ATC artillery advisories	5	b	b	3b						
5.2. USE NAVAIDS										
TR: STS Operator Checklist										
5.2.1. TACAN	5	2b	b	3b						
5.2.2. Zone marker		—	b	—						
5.2.3. Visual lighting aids	5	2b	b	3b						
5.2.4. Beacons	5	b	b	3b						
5.3. AN/TRN-45 Mobile Microwave Landing System (MMLS)										
TR: TO 31R4-2TRN45-1and area specific lesson plans, PMR Training manual										
5.3.1. Pre-deployment preparation/packing		—	—	—						
5.3.2. MMLS site survey		—	—	—						
5.3.3. Assemble the MMLS		—	—	—						
5.3.4. Operate the MMLS		—	a	—						
5.3.5. Input data in MMLS		—	—	—						
5.3.6. FAA flight Inspection		—	—	—						
5.3.7. Troubleshoot and perform basic maintenance of MMLS		—	—	—						
5.3.8. Repack the MMLS		—	—	—						
5.3.9. 30D36R diesel generator		—	—	—						
5.3.11 Establish IMC lighting system		—	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
		3-Level	5-Level		A	B	C	D	E	
		COURSE	CDC	ASTC	TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
5.4. Drop Zone (DZ)										
TR: AFI 13-217, AFSOCI 13-217										
5.4.1. Assess drop zone	5	2b	b	3b						
5.4.2. Use electronic and visual markings	5	2b	b	3b						
5.4.3. Coordinate and Control	5	2b	b	3b						
5.4.4. Support requirements	5	B	B	C						
5.4.5. Perform emergency procedures	5	b	b	3b						
5.4.6. Wind criteria	5	B	B	B						
5.4.7. Drop altitude	5	B	B	B						
5.4.8. Compute and mark Ground Marked Release points (GMRS)	5	b	b	3b						
5.4.9. Perform verbally initiated release system	7	—	b	3b						
5.4.10. Score air drops	5	b	b	3b						
5.4.11. Determine mean effective wind	5	2b	b	3b						
5.5. Assault Landing Zone (LZ):										
TR: AFI 13-217										
5.5.1. Assess LZ	7	2b	b	3b						
5.5.2. Use electronic and visual marking	5	2b	b	3b						
5.5.3. Manage LZ operations	7	b	b	—						
5.5.4. Support requirements	7	B	B	C						
5.5.5. Perform emergency procedures	7	b	b	3b						
5.6. Helicopter Landing Zone (HLZ):										
TR: AFI 13-217										

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
5.6.1. Assess HLZs	5	2b	b	3b						
5.6.2. Use electronic and visual markings	5	2b	b	3b						
5.6.3. Manage HLZ operations	5	b	b	3b						
5.6.4. Perform emergency procedures	5	b	b	3b						
5.7. Forward Area Refueling Point (FARP) Sites:										
TR: AFI 11-235, AFSOCR 55-12, STS Operator Checklist										
5.7.1. Assess FARP Sites	7	—	b	—						
5.7.2 Use electronic and visual markings	5	—	b	b						
5.7.3. Monitor FARP operations	7	—	b	—						
5.7.4. Support requirements	7	—	b	—						
5.7.5. Perform emergency procedures	7	—	b	—						
5.8. Perform Aircraft Marshalling Techniques:										
TR: AFI 11-218										
5.8.1. Day marshaling	5	2b	b	3b						
5.8.2. Night marshaling	5	2b	b	3b						
5.8.3. Marshaling using night vision devices	5	—	b	3b						
5.8.4. Aircraft capabilities and characteristics	5	—	B	B						
5.9. DEMOLITION/EXPLOSIVES:										
TR: FM 5-34, 5-250, TOs 11A-1411										
5.9.1. Prepare, calculate, and place explosives	5	2b	b	3b						
5.9.2. Prepare non-electric firing systems and priming site operations	5	2b	b	3b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
5.9.3. Prepare electric firing systems and priming site operations	5	2b	b	3b						
5.9.4. Employ smoke grenades	5	2b	b	3b						
5.9.5. Employ pyrotechnics		—	a	2b						
5.10. FIRE SUPPORT OPERATIONS:										
5.10.1. Supporting Arms (Artillery/Naval Surface Fire Support)										
TR: AFI 13-102 Vol II, FM 90-26, 55-130, MCM 3-1 VOL I, III, & VIII, JCS Pub 3-09, 3-09.1, 3-09-3										
5.10.1.1. Capabilities and limitations		—	B	—						
5.10.1.2. Coordinate		—	—	—						
5.10.1.3. Plan		—	—	—						
5.10.1.4. Execute		—	—	—						
5.10.2. Fighter/Bomber Strikes										
TR: AFI 13-102 Vol I & II										
5.10.2.1. Capabilities and limitations		—	B	—						
5.10.2.2. Coordinate		—	b	—						
5.10.2.3. Plan		—	b	—						
5.10.2.4. Execute		—	b	—						
5.10.3. AC-130 Gunship Fires										
TR: AFTTP 3-1 Vol 31, STS Operator Checklist										
5.10.3.1. Capabilities and limitations	5	B	B	B						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
5.10.3.2. Coordinate	5	—	b	b						
5.10.3.3. Plan	5	—	b	3b						
5.10.3.4. Execute	5	—	b	3b						
5.10.4. Rotary Wing Fires										
TR: AFI 13-102 Vol I & II										
5.10.4.1. Capabilities and limitations	5	B	B	B						
5.10.4.2. Coordinate	5	—	b	b						
5.10.4.3. Plan	5	—	b	3b						
5.10.4.4. Execute	5	—	b	3b						
5.10.5. Marking Equipment										
TR: AFI 13-102 Vol I & II, STS Operator Checklist NOTE: Use applicable manufacturer operating manuals where required										
5.10.5.1. Targeting lasers		—	B	B						
5.10.5.2. Use Infrared (IR) laser pointer	5	—	b	3b						
5.10.5.3. Employ visual markings	5	—	b	3b						
5.10.5.4. Operate beacons	5	—	b	3b						
5.10.5.5. Laser safety	5	—	B	B						
5.10.5.6. Employ computer assisted targeting techniques		—	—	—						
6. CONDUCT RECONNAISSANCE										
6.1. Weather (WX)										
TR: TAMS/Kestrel										
6.1.1. Perform limited WX observations	5	b	b	3b						
6.1.2. Use portable WX system(s)		—	b	2b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
6.2. Survey:										
TR: AFI 13-217, AFSOCR 55-12										
6.2.1. Use survey references	5	—	b	2b						
6.2.2. Calculate distances and angles using survey formulas	5	—	b	2b						
6.2.3. Complete survey forms and formats	5	—	b	2b						
6.2.4. Use computer aided drawing techniques		—	—	2b						
6.2.5. Survey assault LZ	7	—	—	—						
6.2.6. Survey DZ	5	—	b	2b						
6.2.7. Conduct tactical DZ survey	5	—	b	2b						
6.2.8. Survey helicopter LZ	5	—	b	2b						
6.2.9. Survey FARP	7	—	B	—						
6.2.10. Survey limitations and waivers	5	—	B	B						
6.2.11. California bearing ratio	7	—	B	—						
6.3. Use Survey Equipment										
TR: STS Operator checklist NOTE: Use specific equipment operating manuals provided by manufacturer										
6.3.1. Penetrometers	7	—	b	—						
6.3.2. Total station		—	b	—						
6.3.3. Distance measurement tools and equipment	5	—	b	3b						
6.3.4. Angular Measurement Tools and Equipment	5	—	b	3b						
6.3.5. Global Positioning Systems in surveying	5	—	b	3b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
6.3.6. Cameras in completing surveys	5	—	a	2b						
6.4. SPECIAL RECONNAISSANCE										
TR: FM 3-05.204, Ranger Handbook, Ranger R/S Leaders Course, NSWC Scout Course, USMC Amphibious Ground Reconnaissance Patrolling Course										
6.4.1. Report battlefield information (SALUTE)	5	b	b	3b						
6.4.2. Fundamentals of information collection	5	—	B	B						
6.4.3. Reconnaissance and surveillance tactics, techniques, and procedures	5	—	B	B						
6.4.4. Perform reconnaissance and surveillance missions	5	—	b	3b						
6.4.5. Select surveillance observation point	5	—	b	3b						
6.4.6. Complete reconnaissance sketches	5	—	b	3b						
6.4.7. Use reconnaissance and surveillance equipment	5	—	—	3b						
6.4.8. Perform concealed movement	5	—	—	3b						
6.4.9. Unmanned Aerial Vehicle (UAV)		—	—	—						
6.4.10. Computer assisted reconnaissance and surveillance techniques	5	—	—	3b						
7. RECOVERY OPERATIONS										
TR: Joint Pub 3-50										
7.1. Fundamentals of Personnel Recovery (PR)		—	A	B						
7.2. Perform Combat Search and Rescue (CSAR)		—	b	3b						
7.3 Perform SAR Security Team (SST) duties		—	b	b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
7.4. Use Rapid Extraction Deployment System (REDS)		—	—	b						
8. FOREIGN INTERNAL DEFENSE										
TR: JTTP 3-07.1, Joint Special Operations University										
8.1. Cultural, Environmental, Political, and Economical dynamics		—	—	—						
8.2. Cross-cultural communications		—	—	—						
8.3 Regional familiarization		—	—	—						
9. SUPERVISION:										
TR: AFI 36-3208, 36-2907										
9.1. CCT history		B	B	B						
9.2. Orient new personnel	7	—	—	—						
9.3. Plan work assignments and priorities	7	—	—	—						
9.4. Schedule duty assignment	7	—	—	—						
9.5. Utilize forms and reports	7	—	—	—						
9.6. Evaluate subordinates work performance	7	—	—	—						
9.7. Resolve technical problems for subordinate personnel	7	—	—	—						
9.8. Counsel personnel and resolve individual problems	7	—	—	—						
9.9. Initiate action to correct substandard performance by personnel	7	—	—	—						
10. TRAINING:										
TR: AFMAN 36-2234, AFI 36-2201, AFI 13-203, AFI 13-217, AFI 13-219, AFI 36-2101, AFSOCI 36-2204, AFSOCI 60-101										

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
10.1. Maintain training records	7	—	—	—						
10.2. Evaluate personnel to determine training needs	7	—	—	—						
10.3. Plan training and supervise OJT	7	—	—	—						
10.4. Prepare job qualification standards	7	—	—	—						
10.5. Conduct training	7	—	—	—						
10.6. Counsel trainees on their progress and record	7	—	—	—						
10.7. Monitor effectiveness of training	7	—	—	—						
10.8. Monitor career knowledge upgrade	7	—	—	—						
10.9. Monitor job proficiency upgrade	7	—	—	—						
10.10. Monitor qualification training	7	—	—	—						
10.11. Evaluate training programs effectiveness	7	—	—	—						
10.12. Recommend personnel for training	7	—	—	—						
11. ATC OPERATIONS SECURITY (This task is taught at ATC school)										
TR: AFI 10-1101										
11.1. Define OPSEC		B	—	—						
11.2. 1C1X1 Vulnerabilities		B	—	—						
12. AIR TRAFFIC CONTROL PUBLICATIONS (This task is taught at ATC school)										
TR: AFI 13-203; AFI 11-201; FLIPS										
12.1. Facility publications		B	—	—						
12.2. Flight information publications	5	B	b	B						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
13. GENERAL ATC OPERATIONAL AREAS (This task is taught at ATC school)										
TR: FAAO 7110.65; Aeronautical Information Manual (AIM); AFI 13-203; Computer Based Training Library (CBTL); ATC Training Series (ATCTS)										
13.1. Class A airspace	7	B	B	—						
13.2. Class B airspace	7	B	B	—						
13.3. Class C airspace	7	B	B	—						
13.4. Class D airspace	7	B	B	—						
13.5. Class E airspace	7	B	B	—						
13.6. Class G airspace	7	B	B	—						
13.7. National airspace system	7	B	B	—						
13.8. Air defense identification zone		—	B	—						
13.9. Flight information region		—	—	—						
13.10. Airports affecting operations		B	—	—						
13.11. Adjacent airspace	7	B	B	—						
13.12. ATC facilities		B	B	—						
13.13. Taxiways	5	B	B	—						
13.14. Runways/helipads	5	B	B	—						
13.15. Ramps and parking areas	5	B	B	—						
13.16. Field elevation	5	B	B	—						
13.17. Identify visual and radio blind spots		1b	—	1b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
13.18. Aircraft arresting systems (Fixed and deployable)		B	—	—						
13.19. Operate airport lighting (Fixed and deployable)	5	2b	B	—						
13.20. Ground NAVAID checkpoints		—	—	—						
13.21. Restricted airspace	5	A	A	—						
13.22. Warning areas	5	A	A	—						
13.23. Alert areas		A	A	—						
13.24. Prohibited areas		A	A	—						
13.25. Controlled firing area		A	A	—						
13.26. Military operations area	7	A	B	—						
13.27. Special use/ATC assigned airspace		A	A	—						
13.28. Military training routes		A	—	—						
13.29. Temporary flight restrictions		—	—	—						
13.30. Utilize traffic patterns	5	3b	B	3b						
13.31. Bailout		A	—	—						
13.32. External stores jettison		A	—	—						
13.33. Fuel dump		A	—	A						
13.34. Hot brakes		A	A	A						
13.35. Arm/De-arm		A	A	—						
13.36. Dangerous cargo		A	A	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
13.37. Alert pads		A	A	—						
13.38. Drop zones		A	—	A						
13.39. Hydrazine areas		A	—	—						
13.40. Parachute jumping		A	—	A						
13.41. Precision approach critical areas	7	B	B	—						
14. AIR NAVIGATIONAL AIDS (This task is taught at ATC school)										
TR: FAAO 7110.65; AFI 13-203; AIM										
14.1. VOR	7	B	B	—						
14.2. TACAN	7	B	B	—						
14.3. VORTAC	7	B	B	—						
14.4. NDB	7	B	B	—						
14.5. ILS		B	B	—						
14.6. GPS		B	B	—						
14.7. MLS/MMLS		B	B	—						
14.8. NAVAID use limitations		B	—	—						
14.9. NAVAID malfunction		B	B							
14.10. Area navigation		—	—	—						
14.11. Jet routes and airways		B	—	—						
14.12. Minimum vectoring altitude/IFR chart	7	B	B	—						
14.13. Minimum enroute altitude	7	B	B	—						
14.14. Minimum obstruction clearance altitude	7	B	B	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
14.15. Minimum reception altitude		B	—	—						
14.16. Minimum crossing altitude	7	B	B	—						
14.17. Reporting points	7	B	B	—						
14.18. Coordination fixes		B	—	—						
15. EQUIPMENT OPERATION (This task is taught at ATC school)										
TR: FAAO 7110.65; AFI 13-203; AT-E-14/16; AT-E-2/3/9/10; AT-G-21										
15.1. Surveillance radar system		B	—	—						
15.2. Primary radar capabilities		B	—	—						
15.3. Alignment of primary radar		B	—	—						
15.4. Electronic cursor procedures		B	—	—						
15.5. Secondary radar capabilities		B	—	—						
15.6. Alignment of secondary radar		B	—	—						
15.7. Beacon range accuracy		B	—	—						
15.8. Master control panel		B	—	—						
15.9. Beacon target displacement procedures		B	—	—						
15.10. PIDP		B	—	—						
15.11. Precision approach radar capabilities		B	—	—						
15.12. PAR alignment		—	—	—						
16.13. PAR turnaround procedures		—	—	—						
15.14. Video mapper		A	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
15.15. Flight data system		A	—	—						
15.16. Operate tower/radar coordination system		3b	—	—						
15.17. Remote status indicators		B	—	—						
15.18. Use automatic terminal information service		2b	—	—						
15.19. Weather dissemination system		A	—	—						
15.20. Weather equipment		—	—	—						
15.21. Wind indicators		A	—	—						
15.22. Operate light guns	5	2b	b	3b						
15.23. Radio/landlines		A	—	—						
15.24. Clocks		A	—	—						
15.25. Intercoms		—	—	—						
15.26. Utilize primary crash phone		2b	—	—						
15.27. Utilize tower radar displays		2b	—	—						
15.28. Recorders		B	—	—						
15.29. Air traffic control simulator		—	—	—						
15.30. FM nets		A	—	—						
15.31. Auxiliary power source		A	—	—						
15.32. Evacuation alarms		A	—	—						
15.33. Report equipment outages		A	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
		3-Level	5-Level		A	B	C	D	E	
		COURSE	CDC	ASTC	TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
16. WEATHER (This task is taught at ATC school)										
TR: FAAO 7110.65; AFI 15-111; AFJH 11-203V1; AT-G-60; AT-G-61; CBT-G-14										
16.1. Cooperative weather watch		A	—	—						
16.2. Effects of weather on aircraft		B	B	—						
16.3. Disseminate weather information	5	2b	b	3b						
16.4. Utilize visibility checkpoint charts	7	2b	b	2b						
16.5. Relay sector visibility	7	2b	b	2b						
16.6. Relay prevailing visibility	7	2b	b	2b						
16.7. Relay pilot reports	5	2b	b	2b						
16.8. Low level wind shear advisory	7	B	b	—						
16.9. Relay braking action advisories	5	2b	b	2b						
16.10. Relay runway visual range		2b	B	—						
16.11. Relay runway visual values		2b	B	—						
16.12. Hazardous in-flight weather advisory service		A	—	—						
16.13. Weather and chaff advisories		A	—	—						
17. OPERATING PROCEDURES (This task is taught at ATC school)										
TR: FAAO 7110.65; FAAO 7135.65; FAAO 8200.1; AFI 10-707; AFI 13-203; AFI 13-207; CBT-A-2/6; CBT-R-7/11; CBT-g-18; CBT-T-1/2/3/4/5; CBT-G-5/6/7/10/12/13; FAR Part 91; AFI 11-202V3										
17.1. Control tower operator certification procedures		A	—	—						
17.2. General flight rules	5	B	B	B						
17.3. Visual flight rules	5	B	B	B						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
17.4. Instrument flight rules	5	B	B	B						
17.5. Radio and frequency channelization		A	—	—						
17.6. Perform ATC communication procedures (radios/landlines)		3c	—	3c						
17.7. Perform inter/intra facility coordination		3c	B	3c						
17.8. Identify aircraft priorities	5	B	B	3c						
17.9. Aircraft characteristics	5	B	B	B						
17.10. Facility evacuation procedures		—	—	—						
17.11. Alternate facilities		—	—	—						
17.12. Facility checklists		B	—	—						
17.13. Runway observation monitor		—	—	—						
17.14. Facility forms		B	—	—						
17.15. Mark flight progress strips		3c	B	—						
17.16. Transponder procedures/operations		2b	—	—						
17.17. Understand/relay beacon codes		2b	b	—						
17.18. Transfer control of aircraft		2b	B	2b						
17.19. Coordinate use of airspace	7	2b	—	2b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
17.20. Relay closed/unsafe runway information	5	2b	B	2b						
17.21. Relay airport obstruction, field condition information	5	2b	b	3c						
17.22. Notams	5	B	b	—						
17.23. In-flight equipment malfunctions		B	—	—						
17.24. Locate/plot sites using crash grid maps		2b	—	—						
17.25. Utilize NORDO aircraft procedures	5	2b	b	2b						
17.26. Utilize communication failure procedures	5	2b	b	2b						
17.27. Utilize receiver only acknowledgement procedures	5	2b	b	2b						
17.28. Apply emergency aircraft procedures	5	2b	b	2b						
17.29. Apply expeditious compliance	5	2b	B	2b						
17.30. Emergency locator transmitter (ELT) signals		B	—	B						
17.31. Apply emergency fuel procedures	5	2b	b	2b						
17.32. Apply minimum fuel procedures	5	2b	b	2b						
17.33. Advise aircraft with observed abnormalities	5	3c	b	3c						
17.34. Provide assistance to VFR aircraft in weather difficulty		2b	b	—						
17.35. Overdue aircraft procedures	7	B	B	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
17.36. Anti-hijack procedures		B	B	—						
17.37. TCAS resolution advisories		B	—	—						
17.38. Facility bomb threats		B	—	—						
17.39. Aircraft bomb threats		B	B	—						
17.40. Climb to VFR instructions		A	—	—						
17.41. Special VFR	5	2b	b	2b						
17.42. Maintain surveillance of surface area	5	3c	b	3c						
17.43. Maintain surveillance of movement area	5	3c	b	3c						
17.44. Respond to operational requests	5	3c	—	3c						
17.45. Provide additional services		2b	b	2b						
17.46. Relay bird advisory information	5	2b	b	2b						
17.47. Protect overhead traffic pattern		2b	—	2b						
17.48. Issue traffic advisories	5	2b	B	3c						
17.49. Issue safety alerts	5	2b	b	b						
17.50. Divert advisories		—	—	—						
17.51. Request for information from non-ATC agencies		—	—	—						
17.52. Aircraft conducting unusual maneuvers		—	—	—						
17.53. Single frequency approaches		B	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
17.54. Apply minimum distance without final clearance procedures		2b	—	—						
17.55. VFR-on-top		A	—	—						
17.56. Missed approach instructions	7	B	b	—						
17.57. Control vehicles, equipment and personnel	5	2b	b	3c						
17.58. Issue wheels check	5	3c	b	3c						
17.59. Determine aircraft position on airfield	5	3c	B	3c						
17.60. Use of active runways	5	2b	b	3c						
17.61. Runway selection procedures	7	B	b	b						
17.62. Issue landing clearance	5	3c	b	3c						
17.63. Cancel landing clearance	5	3c	b	3c						
17.64. Provide landing information	5	3c	b	3c						
17.65. Apply landing clearance without visual operations procedures	5	2b	b	3c						
17.66. Apply altitude restricted low approach procedures	5	2b	b	3c						
17.67. Relay altimeter setting	5	3c	b	3c						
17.68. Transfer position responsibility	5	3c	b	3c						
17.69. Pre-duty familiarization	5	B	—	—						
17.70. Apply visual separation	5	B	b	2b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
17.71. Coordinate aircraft movement	7	3b	b	3c						
17.72. Apply wake turbulence separation	5	3b	b	3c						
17.73. Issue wake turbulence cautionary advisory	5	3b	b	3c						
17.74. Intersecting runway separation	5	B	b	3c						
17.75. Issue runway exiting instructions	5	3c	b	3c						
17.76. Sequence arrivals/departures	5	3b	b	3c						
17.77. Separate arrivals/departures	5	3b	b	3c						
17.78. Simulated flameout arrivals		2b	B	—						
17.79. Control formation flights	5	2b	b	3c						
17.80. Control helicopter operations	5	2b	b	3c						
17.81. VFR transitions	5	A	b	—						
17.82. Apply departure procedures/ standard terminal arrival routes		2b	B	—						
17.83. Taxi aircraft into position and hold	5	2b	b	3c						
17.84. Go-around instructions	5	2b	b	3c						
17.85. Simultaneous same direction operations		2b	B	b						
17.86. Simultaneous opposite direction operations		B	B	b						
17.87. Relay departure information	5	2b	B	B						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
17.88. Provide departure control instructions	5	2b	b	b						
17.89. Reduced same runway separation	5	B	b	—						
17.90. Taxi aircraft	5	2b	B	3c						
17.91. Relay IFR clearance data	5	2b	b	3c						
17.92. Relay departure clearances	5	2b	b	3c						
17.93. Relay amendments to clearances	5	2b	B	3c						
17.94. Apply departure restrictions, clearance void times, hold for release times, release times	7	2b	B	—						
17.95. VFR release of IFR aircraft	7	B	B	—						
17.96. Control visual approaches		2b	B	3c						
17.97. Circling approaches		B	B	—						
17.98. Final approach abnormalities		B	—	—						
17.99. Basic radar service to VFR aircraft		B	—	—						
17.100 ECM/ECCM procedures		—	—	—						
17.101. Radar identification procedures		B	—	—						
17.102. Handoff procedures		B	—	—						
17.103. Point-out procedures		B	—	—						
17.104. Confirm aircraft identification		B	—	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
17.105. Terminate radar service		B	—	—						
17.106. Vector aircraft		B	—	—						
17.107. Separate nonparticipating aircraft from special use and ATC assigned airspace		B	—	—						
17.108. Obstruction separation		B	—	—						
17.109. Adjacent airspace separation		B	—	—						
17.110. Edge of scope separation		B	—	—						
17.111. Altitude verification procedures		B	—	—						
17.112. Issue holding instructions		B	B	—						
17.113. Holding pattern surveillance		B	—	—						
17.114. Approach/arrival information		B	—	—						
17.115. Approach/arrival clearance		B	—	—						
17.116. Arrival instructions		B	—	—						
17.117. Instrument approaches		B	B	—						
17.118. VFR practice approaches		B	—	—						
17.119. Radar approaches		B	—	—						
17.120. Radar departures		B	—	—						
17.121. Control successive/simultaneous departures		2b	b	2b						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
17.122. Control departure/ arrival on parallel, non-intersecting, diverging runways		2b	—	2b						
17.123. No-gyro procedures		B	—	—						
17.124. Position advisories		B	—	—						
17.125. Successive approach procedures		B	—	—						
17.126. Validate mode C readouts		B	—	—						
17.127. Altitude reservations		—	—	—						
17.128. Final approach course intercept		B	—	—						
17.129. Merging target procedures		B	—	—						
17.130. Speed adjustments		B	—	—						
17.131. Airborne radar approaches		—	—	—						
17.132. Lowest useable flight levels		B	—	—						
17.133. Flight inspection operations		A	B	—						
17.134. Control aircraft carrying dangerous materials		2b	B	—						
17.135. MITO operations		—	B	—						
17.136. MARSA operations	7	B	B	—						
17.137. Law enforcement operations		—	—	—						
17.138. Search and Rescue		A	B	—						
17.139. Control lifeguard, Med Evac, Air Evac operations		2b	B	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required			
					3-Level	5-Level		A	B		C	D	E
					COURSE	CDC	ASTC	TRAINING START	TRAINING COMPLETED		TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS
18. NON-RADAR PROCEDURES (This task is taught at ATC school)													
TR: FAAO 7110.65, AFI 13-203, CBTL													
18.1. Initial separation of successive departing aircraft		B	b	—									
18.2. Initial separation of departing and arriving aircraft		B	b	—									
18.3. Longitudinal separation		B	b	—									
18.4. Lateral separation		B	b	—									
18.5. Vertical separation		B	b	—									
18.6. Altitude assignment procedures		B	b	—									
18.7. Altitude confirmation procedures		B	b	—									
18.8. Route assignment procedures		B	—	—									
18.9. Pprotected airspace procedures		B	—	—									
18.10. Radar approaches in a non-radar environment		B	—	—									
18.11. Timed approaches		A	b	—									
18.12. Position reporting procedures		B	b	—									
18.13. Holding instructions		B	b	—									
19. PRECISION APPROACH RADAR PROCEDURES (This task is taught at ATC school)													
TR: FAAO 7110.65													
19.1. Communications check		B	—	—									
19.2. Alternate communications		B	—	—									
19.3. Transmission acknowledgement		B	—	—									

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
19.4. Distance from touchdown		B	—	—						
19.5. Glidepath notification		B	—	—						
19.6. Descent notification		B	—	—						
19.7. Course guidance		B	—	—						
19.8. Glidepath information		B	—	—						
19.9. Trend information		B	—	—						
19.10. Elevation failure procedures		B	—	—						
19.11. Decision height		B	—	—						
19.12. Position advisories		B	—	—						
19.13. Distance from touchdown		B	—	—						
19.14. PAR for approach monitoring		B	—	—						
20. SURVEILLANCE APPROACH PROCEDURES (This task is taught at ATC school)										
TR: FAO 7110.65										
20.1. Communications check		B	—	—						
20.2. Altitude information		B	—	—						
20.3. Descent notification/ instructions		B	—	—						
20.4. Final approach guidance		B	—	—						
20.5. Approach guidance termination		B	—	—						
21. CREW RESOURCE MANAGEMENT (This task is taught at ATC school)										
TR: AFI 11-290; AT-M-06										
21.1. CRM terminology	7	B	b	—						

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. CORE TASK	3. BEHAVIORAL CODING SYSTEM USED TO INDICATE TRAINING/ INFORMATION PROVIDED			4. CERTIFICATION FOR OJT					Not Required
					A	B	C	D	E	
					TRAINING START	TRAINING COMPLETED	TRAINEE INITIALS	TRAINER INITIALS	CERTIFIER INITIALS	
		3-Level	5-Level							
		COURSE	CDC	ASTC						
21.2. Situational awareness	5	B	b	—						
21.3. Group dynamics	7	B	b	—						
21.4. Communications	7	B	b	—						
21.5. Risk management	7	B	b	—						
21.6. Decision making	7	B	b	—						
21.7. Workload management	7	B	b	—						
21.8. Stress management/awareness	7	B	b	—						
21.9. Application of CRM principles	7	B	b	—						
22. ATC COMBAT READINESS (This task is taught at ATC school)										
TR: AFI 13-203, AFI 10-201, AFI 10-403; AFMAN 13-220										
22.1. ATC combat readiness requirements		A	—	—						
22.2. Basic terminology and fundamental concepts		A	—	—						
22.3. Minimum ATC mobility requirements		A	—	—						
22.4. Types of ATC deployments and exercises		A	—	—						
22.5. ATC deployment equipment		A	—	—						
22.6. Air base defense procedures		—	b	—						
22.7. SCATANA procedures		A	b	—						